

## Rabbit Cadherin Polyclonal Antibody | anti-CDHOB antibody

Polyclonal Antibody to Cadherin, Osteoblast (CDHOB)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA141643 | Rabbit | Human, Mouse, Pig | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

Cadherin; Polyclonal Antibody; Polyclonal Antibody to Cadherin; Osteoblast (CDHOB); anti-CDHOB antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity                                      | Human, Mouse, Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against CDHOB. It has been selected for its ability to recognize CDHOB in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Sequence                                        | Antigen: The target protein is fused with a N-terminus tag, His-tag and GST-tag and its sequence is listed below.<br>MSPI LGYWKIKGLV QPTRLLLEYL EEKYEELHYE RDEGDKWRNK KFEGLGFNP LPYYIDGDVK LTQSMAIIRY<br>IADKHNLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF EDRCHKTYLN<br>GDHVTHPDFM LYDALDVVLY MDPMLDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD<br>HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAK FERQHMDSPD LGTGGGSGIE GRGSMGYRGS<br>EF-VEADEP PMFLAPSYIH EVQENAAAGT VVGRVHAKDP DAANSPIRYS IDRHTDLDRF FTINPEDGFI<br>KTTKPLDREE TAWLNITVFA AEIHNHRQEA KVPVAIRVLD VNDNAPKFAA PYEGFICESD QTKPLSNQPI<br>VTISADDKDD TANGPRFIFS LPPEIHNPN FTVRDNRDNT AGVYARRGGF |
| Applicable Applications for anti-CDHOB antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Fragment                                        | CDHOB (Val374~Cys595)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Organism Species                                | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Cross Reactivity                                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Conjugate                                       | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Immunogen                                       | Recombinant CDHOB (Val374~Cys595) expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

IMAGES



IHC (Immunohiostchemistry)  
DAB staining on fromalin fixed paraffin-embedded Kidney tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant CDHOB, Human.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 862669342                                                      |
| NCBI GeneID                      | 1009                                                           |
| NCBI Accession #                 | NP_001295321.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001308392.1                                                 |
| UniProt Accession #              | P55287; Q15065; Q15066; Q9UQ93; Q9UQ94; A8K5D6; A8MZC8; B7WP28 |
| Molecular Weight                 | 76,457 Da                                                      |
| NCBI Official Full Name          | cadherin-11 isoform 2                                          |
| NCBI Official Synonym Full Names | cadherin 11                                                    |
| NCBI Official Symbol             | CDH11                                                          |
| NCBI Official Synonym Symbols    | OB; CAD11; CDHOB; OSF-4                                        |
| NCBI Protein Information         | cadherin-11                                                    |
| UniProt Protein Name             | Cadherin-11                                                    |
| UniProt Gene Name                | CDH11                                                          |
| UniProt Synonym Gene Names       | OB-cadherin                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cadherin-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/141643>