

## Rabbit anti-Human Catenin-delta1 Polyclonal Antibody | anti-CTNND1 antibody

Catenin-delta1 (Ab-228) Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA303399 | Rabbit | Human      | Immunohistochemistry, Western Blot |

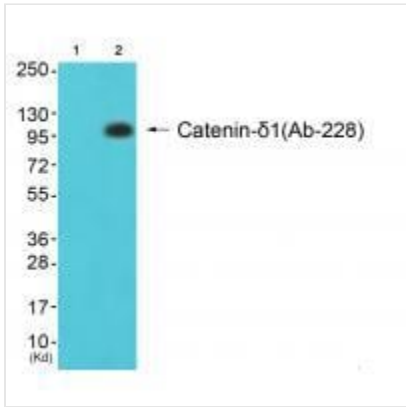
### PRODUCT SYNONYMS

Catenin-delta1; Polyclonal Antibody; Catenin-delta1 (Ab-228) Antibody; Catenin-d1 (Ab-228) Antibody; CAS; CATNS; CTD1; CTND1; Cadherin-associated Src substrate; anti-CTNND1 antibody

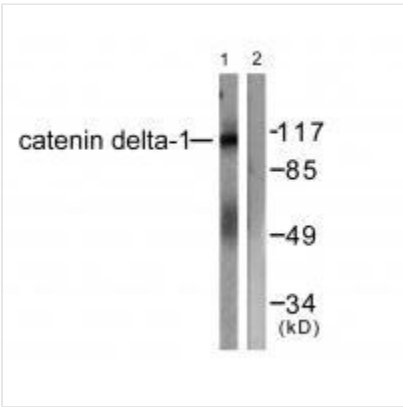
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                             |
| Reactivity                                       | Human                                                                                                                                              |
| Clonality                                        | Polyclonal                                                                                                                                         |
| Specificity                                      | The antibody detects endogenous levels of total Catenin-d1 protein.                                                                                |
| Purity/Purification                              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Form/Format                                      | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1.0 mg/ml (varies by lot)                                                                                                                          |
| Sequence Length                                  | 968                                                                                                                                                |
| Applicable Applications for anti-CTNND1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                      |
| Immunogen Type                                   | Peptide                                                                                                                                            |
| Immunogen Description                            | Synthesized non-phosphopeptide derived from human Catenin-d1 around the phosphorylation site of tyrosine 228 (D-N-Y(p)-G-S).                       |
| Target Name                                      | Catenin-d1                                                                                                                                         |
| Preparation and Storage                          | Store at -20 degree C                                                                                                                              |

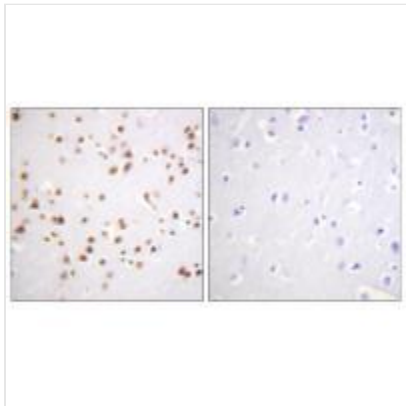
IMAGES



**WB (Western Blot)**  
Western blot analysis of extracts from 293 cells (Lane 2), using Catenin-d1 (Ab-228) antibody. The lane on the left is treated with synthesized peptide.



**WB (Western Blot)**  
Western blot analysis of extracts from HuvEc cells, using Catenin-d1 (Ab-228) antibody.



**IHC (Immunohistochemistry)**  
Immunohistochemistry analysis of paraffin-embedded human brain tissue using Catenin-d1 (Ab-228) antibody.

ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-CTNND1 antibody</b> | Binds to and inhibits the transcriptional repressor ZBTB33, which may lead to activation of target genes of the Wnt signaling pathway By similarity. Associates with and regulates the cell adhesion properties of both C-, E- and N-cadherins, being critical for their surface stability. Implicated both in cell transformation by SRC and in ligand-induced receptor signaling through the EGF, PDGF, CSF-1 and ERBB2 receptors. Promotes GLIS2 C-terminal cleavage.Keirsebilck A., Genomics 50:129-146(1998).Nagase T., DNA Res. 4:141-150(1997).W.S., Sherwood J.K., Submitted (DEC-2003) to the EMBL/GenBank/DDBJ databases. |
| <b>Product Categories/Family for anti-CTNND1 antibody</b>   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                 | 146231940                                                                                      |
| <b>NCBI GeneID</b>               | 1500                                                                                           |
| <b>NCBI Accession #</b>          | NP_001078927.1                                                                                 |
| <b>NCBI GenBank Nucleotide #</b> | NM_001085458.1                                                                                 |
| <b>UniProt Accession #</b>       | O60716; O15088; O60713; O60714; O60715; O60935; Q6DHz7; Q6RBx8; Q9UP71; Q9UP72; Q9UP73; A8K939 |
| <b>Molecular Weight</b>          | 65,641 Da                                                                                      |
| <b>NCBI Official Full Name</b>   | catenin delta-1 isoform 1ABC                                                                   |

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI Official Synonym Full Names | catenin (cadherin-associated protein), delta 1           |
| NCBI Official Symbol             | CTNND1                                                   |
| NCBI Official Synonym Symbols    | CAS; p120; CTNND; P120CAS; P120CTN; p120(CAS); p120(CTN) |
| NCBI Protein Information         | catenin delta-1                                          |
| UniProt Protein Name             | Catenin delta-1                                          |
| UniProt Gene Name                | <b>CTNND1</b>                                            |
| UniProt Synonym Gene Names       | KIAA0384; CAS; p120(ctn)                                 |
| UniProt Entry Name               | CTND1_HUMAN                                              |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/catenin-delta1-antibody-immunohistochemistry-western-blot-elisa/303399>