

## Rabbit anti-Human, Mouse CEACAM16 Polyclonal Antibody | anti-CEACAM16 antibody

CEACAM16 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA327905 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

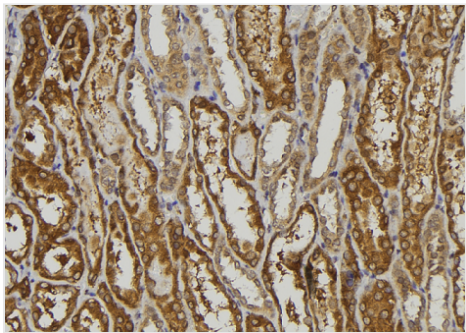
### PRODUCT SYNONYMS

CEACAM16; Polyclonal Antibody; CEACAM16 Antibody; Carcinoembryonic antigen like 2; Carcinoembryonic antigen like 2 protein; Carcinoembryonic antigen related cell adhesion molecule 16; CEAL2; DFNA4B; anti-CEACAM16 antibody

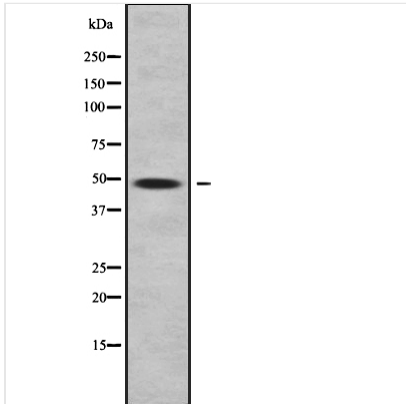
### PRODUCT SPECIFICATIONS

|                                                    |                                                                                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                        |
| Reactivity                                         | Human, Mouse                                                                                  |
| Clonality                                          | Polyclonal                                                                                    |
| Isotype                                            | IgG                                                                                           |
| Specificity                                        | CEACAM16 antibody detects endogenous levels of total CEACAM16                                 |
| Purity/Purification                                | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| Form/Format                                        | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                      | 1mg/ml (varies by lot)                                                                        |
| Sequence Length                                    | 425                                                                                           |
| Applicable Applications for anti-CEACAM16 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                          |
| Immunogen                                          | A synthesized peptide derived from human CEACAM16                                             |
| Subcellular Location                               | Extracellular Region or Secreted                                                              |
| Predicted Cross Reactivity                         | <b>Pig, Bovine, Horse, Sheep, Rabbit, Dog</b>                                                 |
| Similarity                                         | Pig (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (80%), Dog (100%)                |
| Conjugation                                        | Unconjugated                                                                                  |
| Preparation and Storage                            | Store at -20 degree C. Stable for 12 months from date of receipt.                             |

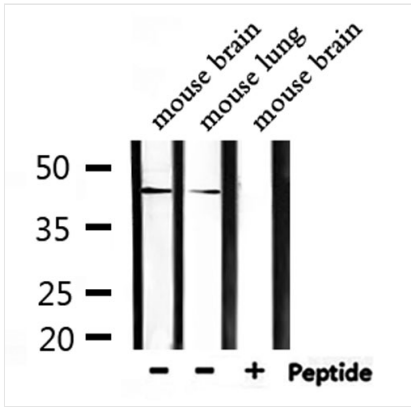
IMAGES



**IHC (Immunohistochemistry)**  
AAA327905 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



**WB (Western Blot)**  
Western blot analysis of CEACAM16 using COLO205 whole cell lysates



**WB (Western Blot)**  
Western blot analysis of extracts from mouse brain, mouse lung, using CEACAM16 Antibody.

ADDITIONAL INFORMATION

|                                                               |                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-CEACAM16 antibody</b> | Function: Required for proper hearing, it may play a role in maintaining the integrity of the tectorial membrane.<br>Subunit Structure: Homooligomer; can for homodimers and homotetramers (PubMed:21368133, PubMed:25589040). Interacts with TECTA (PubMed:21368133).<br>Similarity: Belongs to the immunoglobulin superfamily. CEA family. |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 291190766                                                  |
| NCBI GeneID                      | 388551                                                     |
| NCBI Accession #                 | NP_001034302.2                                             |
| NCBI GenBank Nucleotide #        | NM_001039213.4                                             |
| UniProt Accession #              | Q2WEN9; A7L112                                             |
| Molecular Weight                 | Observed: 46 kDa<br>Predicted: 46 kDa                      |
| NCBI Official Full Name          | carcinoembryonic antigen-related cell adhesion molecule 16 |
| NCBI Official Synonym Full Names | carcinoembryonic antigen related cell adhesion molecule 16 |
| NCBI Official Symbol             | CEACAM16                                                   |
| NCBI Official Synonym Symbols    | CEAL2; DFNA4B                                              |

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| NCBI Protein Information   | carcinoembryonic antigen-related cell adhesion molecule 16 |
| UniProt Protein Name       | Carcinoembryonic antigen-related cell adhesion molecule 16 |
| UniProt Gene Name          | <b>CEACAM16</b>                                            |
| UniProt Synonym Gene Names | CEAL2                                                      |

**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/ceacam16-antibody-immunohistochemistry-western-blot-elisa/327905>