

## Rabbit anti-Human, Mouse T-cadherin Polyclonal Antibody | anti-ENTPD3 antibody

T-cadherin Antibody

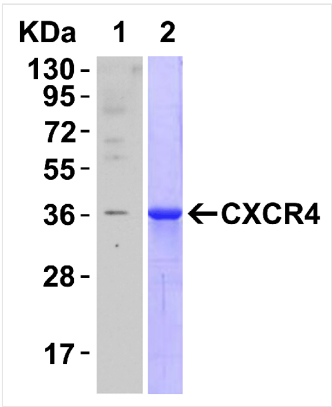
|                              |                       |                                   |                                                                |
|------------------------------|-----------------------|-----------------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA39663</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot, ELISA</b> |
|------------------------------|-----------------------|-----------------------------------|----------------------------------------------------------------|

### PRODUCT SYNONYMS

T-cadherin; Polyclonal Antibody; T-cadherin Antibody; HB6; CD39L3; NTPDase-3; Ectonucleoside triphosphate diphosphohydrolase 3; CD39 antigen-like 3; NTPDase 3; ectonucleoside triphosphate diphosphohydrolase 3; anti-ENTPD3 antibody

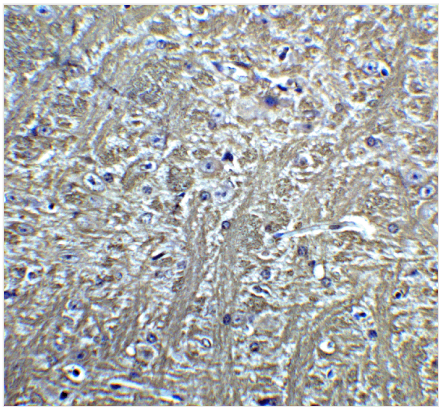
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                  |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                           |
| Reactivity                                       | Human, Mouse                                                                                                                                                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                       |
| Isotype                                          | IgG                                                                                                                                                                                                                                                              |
| Specificity                                      | At least two isoforms of T-cadherin are known to exist.                                                                                                                                                                                                          |
| Purity/Purification                              | T-cadherin Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                      | Liquid                                                                                                                                                                                                                                                           |
| Concentration                                    | 1 mg/mL (varies by lot)                                                                                                                                                                                                                                          |
| Sequence Length                                  | 2807                                                                                                                                                                                                                                                             |
| Applicable Applications for anti-ENTPD3 antibody | IF (Immunofluorescence), WB (Western Blot), ELISA                                                                                                                                                                                                                |
| Conjugate                                        | Unconjugated                                                                                                                                                                                                                                                     |
| Immunogen                                        | T-cadherin antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human T-cadherin.                                                                                                                                       |
| Buffer                                           | T-cadherin Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                            |
| Preparation and Storage                          | T-cadherin antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |



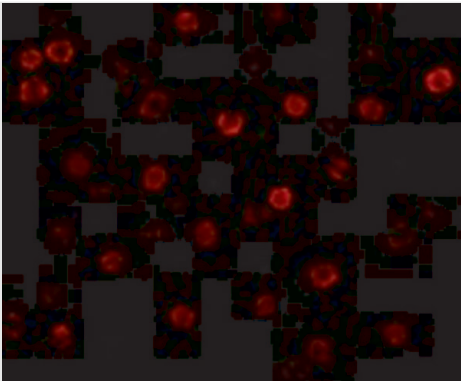
IF (Immunofluorescence)

Immunofluorescence of T cadherin in mouse brain tissue with T cadherin Antibody at 20 &#956;g/mL. Green: T-cadherin antibody (3583)Red: Phylloidin stainingBlue: DAPI staining



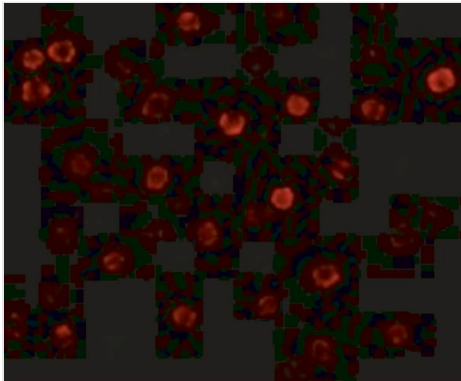
IHC (Immunohistochemistry)

Immunohistochemistry of T cadherin in mouse brain tissue with T cadherin Antibody at 5 &#956;g/mL.



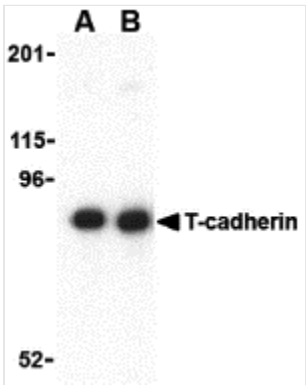
IF (Immunofluorescence)

Immunofluorescence of T-cadherin in 3T3 cells with T-cadherin antibody at 2 &#956;g/mL.



IF (Immunofluorescence)

Immunofluorescence of T-cadherin in K562 cells with T-cadherin antibody at 20 &#956;g/mL.



WB (Western Blot)

Western blot analysis of T-cadherin in 3T3 lysate with T-cadherin antibody at (A) 0.5 and (B) 1 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ENTPD3 antibody

T-cadherin Antibody: T-cadherin was initially identified as cadherin-type cell adhesion molecule expressed in various neuronal populations in a temporally and spatially restricted pattern during axon growth. T-cadherin is an atypical member of the cadherin family because it does not possess the typical transmembrane and cytoplasmic domains but is instead anchored to the plasma membrane by glycosylphosphatidylinositol (GPI) linkage. T-cadherin may play a role in malignant tumor development as loss of the chromosome locus containing the T-cadherin gene correlates with the development of a variety of cancers. Recently it has been shown that T-cadherin can act as a receptor for hexameric and high-molecular weight forms of adiponectin, suggesting that T-cadherin may also play a role in metabolic regulation.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 166197701                                                                                                                                                      |
| NCBI GeneID                      | 956                                                                                                                                                            |
| NCBI Accession #                 | NP_001248                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_001248.2                                                                                                                                                    |
| UniProt Accession #              | O75355; O60495; Q8N6K2; B2R8D0; G5E9N0                                                                                                                         |
| Molecular Weight                 | Predicted: 78; 84 kDa<br><br>Observed: 85 kDa                                                                                                                  |
| NCBI Official Full Name          | Homo sapiens ectonucleoside triphosphate diphosphohydrolase 3 (ENTPD3), mRNA                                                                                   |
| NCBI Official Synonym Full Names | ectonucleoside triphosphate diphosphohydrolase 3                                                                                                               |
| NCBI Official Symbol             | ENTPD3                                                                                                                                                         |
| NCBI Official Synonym Symbols    | HB6; CD39L3; NTPDase-3                                                                                                                                         |
| NCBI Protein Information         | ectonucleoside triphosphate diphosphohydrolase 3; NTPDase 3; ecto-ATPase 3; ecto-ATPDase 3; ecto-apyrase 3; CD39 antigen-like 3; ecto-ATP diphosphohydrolase 3 |
| UniProt Protein Name             | Ectonucleoside triphosphate diphosphohydrolase 3                                                                                                               |
| UniProt Gene Name                | ENTPD3                                                                                                                                                         |
| UniProt Synonym Gene Names       | CD39L3; NTPDase 3; Ecto-ATPDase 3; Ecto-ATPase 3                                                                                                               |
| UniProt Entry Name               | ENTP3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/t-cadherin-antibody-immunofluorescence-western-blot-elisa/39663>