

## Catenin-delta1 Antibody | anti-CTND1 antibody

Catenin-delta1 (Phospho-Tyr228) Antibody

|                               |                                        |                                                                                      |
|-------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA267528</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|

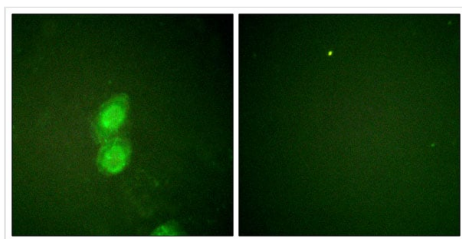
### PRODUCT SYNONYMS

Catenin-delta1; Catenin-delta1 (Phospho-Tyr228) Antibody; CAS; CATNS; CTD1; Cadherin-associated Src substrate; KIAA0384; catenin; delta-1; p120 catenin; p120(cas); p120(ctn); anti-CTND1 antibody

### PRODUCT SPECIFICATIONS

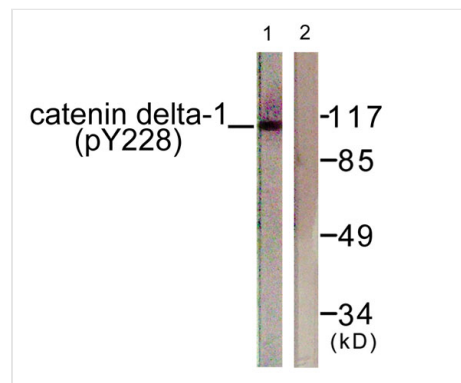
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|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                     | Catenin-delta1 (Phospho-Tyr228) antibody detects endogenous levels of Catenin-delta1 only when phosphorylated at tyrosine 228.                                                                                                                      |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                     | 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.                                                                                                             |
| Sequence Length                                 | 968                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-CTND1 antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                       |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human Catenin-delta1 around the phosphorylation site of tyrosine 228 (D-N-YP-G-S).                                                                                       |
| All Sites                                       | Human: Tyr228<br>Mouse: Tyr228<br>Rat: Tyr228                                                                                                                                                                                                       |
| Preparation and Storage                         | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



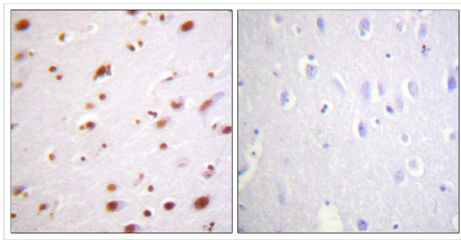
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HuvEc cells, using Catenin-delta1 (Phospho-Tyr228) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Catenin-delta1 (Phospho-Tyr228) antibody. Western blot analysis of extracts from HuvEc cells, using Catenin-delta1 (Phospho-Tyr228) antibody.



Application Data  
P-peptide-+

### ADDITIONAL INFORMATION

|            |                                                                                                                                                                                   |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Keirsebilck A., Genomics 50:129-146(1998). Nagase T., DNA Res. 4:141-150(1997). Daniel J.M., Mol. Cell. Biol. 19:3614-3623(1999). Amanchy R., J. Proteome Res. 4:1661-1671(2005). |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 146231940                                                                                      |
| NCBI GeneID                      | 1500                                                                                           |
| NCBI Accession #                 | NP_001078927.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001085458.1                                                                                 |
| UniProt Accession #              | O60716; O15088; O60713; O60714; O60715; O60935; Q6DHz7; Q6RBx8; Q9UP71; Q9UP72; Q9UP73; A8K939 |
| Molecular Weight                 | 65,641 Da                                                                                      |
| NCBI Official Full Name          | catenin delta-1 isoform 1ABC                                                                   |
| NCBI Official Synonym Full Names | catenin delta 1                                                                                |
| NCBI Official Symbol             | CTNND1                                                                                         |
| NCBI Official Synonym Symbols    | CAS; p120; BCDS2; CTNND; P120CAS; P120CTN; p120(CAS); p120(CTN)                                |
| NCBI Protein Information         | catenin delta-1                                                                                |
| UniProt Protein Name             | Catenin delta-1                                                                                |
| UniProt Gene Name                | CTNND1                                                                                         |
| UniProt Synonym Gene Names       | KIAA0384; CAS; p120(ctn)                                                                       |

**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/ctnd1-human-mouse-rat-antibody/catenin-delta1/267528>