

Datasheet for ABIN1713621
anti-CTNND1 antibody (pThr916)



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Overview

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| Quantity: | 100 µL |
| Target: | CTNND1 |
| Binding Specificity: | pThr916 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CTNND1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| Immunogen: | KLH conjugated synthetic phosphopeptide derived from human delta 1 Catenin around the phosphorylation site of Thr916 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | CTNND1 |
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Target Details

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| Abstract: | CTNND1 Products |
| Background: | <p>Synonyms: delta 1 Catenin phospho T916, p-delta 1 Catenin phospho T916, Cadherin associated Src substrate, Cadherin-associated Src substrate, CAS, Catenin cadherin associated protein delta 1, Catenin delta 1, Catenin delta-1, CTND1_HUMAN, CTNND 1, CTNND, CTNND1, KIAA0384, p120, P120 CAS, p120 catenin, P120 CTN, p120Cas, p120Ctn, P120CAS, P120CTN.</p> <p>Background: Binds to and inhibits the transcriptional repressor ZBTB33, which may lead to activation of target genes of the Wnt signaling pathway (By similarity). May associate with and regulate the cell adhesion properties of both C- and E-cadherins. 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.</p> |
| Gene ID: | 1500 |
| Pathways: | EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Cell-Cell Junction Organization , CXCR4-mediated Signaling Events , Platelet-derived growth Factor Receptor Signaling |

Application Details

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| Application Notes: | WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |

Handling

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| Storage: | 4 °C,-20 °C |
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| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
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| Expiry Date: | 12 months |
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