

Rabbit CTNND1 Polyclonal Antibody | anti-CTNND1 antibody

CTNND1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305695	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

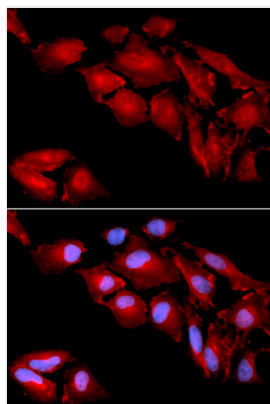
PRODUCT SYNONYMS

CTNND1; Polyclonal Antibody; CTNND1 Antibody; CAS; CTNND; KIAA0384; P120CAS; P120CTN; anti-CTNND1 antibody

PRODUCT SPECIFICATIONS

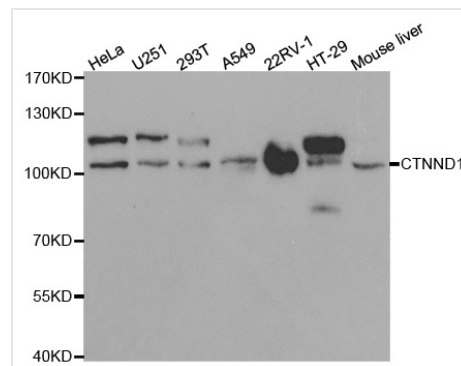
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CTNND1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CTNND1.
Target Name	CTNND1
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using CTNND1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CTNND1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CTNND1 antibody	Catenin d-1 (p120 catenin) has an amino-terminal coiled-coil domain followed by a regulatory domain containing multiple phosphorylation sites and a central Armadillo repeat domain of ten linked 42-amino acid repeats. The carboxy-terminal tail has no known function (1). Catenin d-1 fulfills critical roles in the regulation of cell-cell adhesion as it regulates E-cadherin turnover at the cell surface to determine the level of E-cadherin available for cell-cell adhesion (2). Catenin d-1 has both positive and negative effects on cadherin-mediated adhesion (3). Actin dynamics are also regulated by catenin d-1, which modulates RhoA, Rac, and cdc42 proteins (1). Analogous to b-catenin, catenin d-1 translocates to the nucleus, although its role at this location is unclear. Many studies show that catenin d-1 is expressed irregularly or is absent in various types of tumor cells, suggesting that catenin d-1 may function as a tumor suppressor (4).
Product Categories/Family for anti-CTNND1 antibody	Total protein Ab

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 (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	CTNND1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctnnd1-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/305695>