

Rabbit delta 1 Catenin/CAS/CTNND1 Polyclonal Antibody | anti-CTNND1 antibody

Anti-delta 1 Catenin/CAS/CTNND1 Antibody Picoband

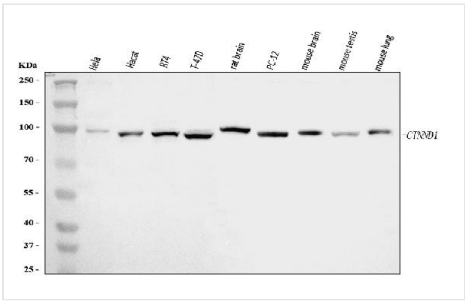
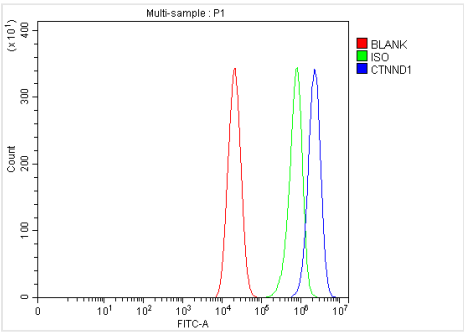
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126215	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

delta 1 Catenin/CAS/CTNND1; Polyclonal Antibody; Anti-delta 1 Catenin/CAS/CTNND1 Antibody Picoband; anti-CTNND1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-CTNND1 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human delta 1 Catenin/CAS/CTNND1 recombinant protein (Position: E31-R875).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



WB (Western Blot)
Figure 1. Western blot analysis of Delta 1 Catenin/CAS/CTNND1 using anti-Delta 1 Catenin/CAS/CTNND1 antibody (AAA126215). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human Hec293 whole cell lysates, Lane 3: human RT4 whole cell lysates, Lane 4: human T-47D whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat PC-12 whole cell lysates, Lane 7: mouse brain tissue lysates, Lane 8: mouse testis tissue lysates, Lane 9: mouse lung tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Delta 1 Catenin/CAS/CTNND1 antigen affinity purified polyclonal antibody (#AAA126215) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for Delta 1 Catenin/CAS/CTNND1 at approximately 100-110 kDa. The expected band size for Delta 1 Catenin/CAS/CTNND1 is at 108 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CTNND1 antibody	p120, and called catenin delta-1 is a protein that in humans is encoded by the CTNND1 gene. This gene encodes a member of the Armadillo protein family, which function in adhesion between cells and signal transduction. Multiple translation initiation codons and alternative splicing result in many different isoforms being translated. Not all of the full-length natures of the described transcript variants have been determined. Read-through transcription also exists between this gene and the neighboring upstream thioredoxin-related transmembrane protein 2 (TMX2) gene.
Product Categories/Family for anti-CTNND1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

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	108,170 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; p120 catenin; cadherin-associated Src substrate
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/delta-1-catenin-cas-ctnnd1-antibody-flow-cytometry-western-blot-elisa/126215>