

Rabbit CTTNBL1 Polyclonal Antibody | anti-CTNNBL1 antibody

CTTNBL1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40235	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CTTNBL1; Polyclonal Antibody; CTTNBL1 Antibody; NAP; P14L; PP8304; C20orf33; dJ633O20.1; Beta-catenin-like protein 1; Nuclear-associated protein; catenin; beta like 1; anti-CTNNBL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CTTNBL1 antibody is predicted to not cross-react with other catenin family members. At least four isoforms of CTTNBL1 are known to exist; this antibody will detect all but isoform b.
Purity/Purification	CTTNBL1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	563
Applicable Applications for anti-CTNNBL1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CTTNBL1 antibody was raised against a 20 amino acid synthetic peptide near the carboxy terminus of human CTTNBL1.
Buffer	CTTNBL1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CTTNBL1 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.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of CTTNBL1 in mouse brain tissue with CTTNBL1 antibody at 20 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of CTTNBL1 in mouse brain tissue with CTTNBL1 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of CTNNBL1 in human brain tissue lysate with CTNNBL1 antibody at 0.5 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNBL1 antibody	CTNNBL1 Antibody: The Beta-catenin-like protein 1 (CTNNBL1) contains an acidic domain, a putative bipartite nuclear localization signal, a nuclear export signal, a leucine-isoleucine zipper, and phosphorylation motifs, as well as Armadillo/beta-catenin-like repeats. Transient expression of CTNNBL1 resulted in translocation to the nucleus and apoptosis, suggesting it may be involved in the apoptotic pathway. CTNNBL1 interacts with the Prp19 complex of the spliceosome and the Ig class switching enzyme activation-induced deaminase (AID) and had been suggested to play a role in antibody-diversification and class switching, but recent studies have shown CTNNBL1 to be dispensable for Ig class switch recombination. Other studies have identified CTNNBL1 as a novel gene for obesity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18644734
NCBI GeneID	56259
NCBI Accession #	NP_110517
NCBI GenBank Nucleotide #	NM_030877.4
UniProt Accession #	Q8WYA6; Q0VAL9; Q0VAM0; Q53HI8; Q5JWZ2; Q5JWZ3; Q5JWZ7; Q5JWZ8; Q8N454; Q8NCL2; Q8TBD6; B4DE16
Molecular Weight	61,971 Da
NCBI Official Full Name	beta-catenin-like protein 1 isoform 1
NCBI Official Synonym Full Names	catenin, beta like 1
NCBI Official Symbol	CTNNBL1
NCBI Official Synonym Symbols	NAP; P14L; PP8304; C20orf33; dJ633O20.1
NCBI Protein Information	beta-catenin-like protein 1; nuclear associated protein; testis development protein NYD-SP19
UniProt Protein Name	Beta-catenin-like protein 1
UniProt Gene Name	CTNNBL1
UniProt Synonym Gene Names	C20orf33; NAP
UniProt Entry Name	CTBL1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cttnbl1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40235>