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Datasheet for ABIN6991497
anti-CTNNBL1 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	CTNNBL1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTNNBL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	CTNNBL1 antibody was raised against a 20 amino acid synthetic peptide near the carboxy terminus of human CTNNBL1. The immunogen is located within the last 50 amino acids of CTNNBL1.
Isotype:	IgG
Specificity:	CTNNBL1 antibody is predicted to not cross-react with other catenin family members. At least four isoforms of CTNNBL1 are known to exist, this antibody will detect all but isoform b.
Purification:	CTNNBL1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CTNNBL1
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Target Details

Alternative Name:	CTTNBL1 (CTNNBL1 Products)
Background:	CTTNBL1 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 CTTNBL1 as a novel gene for obesity.
Molecular Weight:	Predicted: 65 kDa Observed: 63 kDa
Gene ID:	56259
NCBI Accession:	NP_110517
UniProt:	Q8WYA6
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	CTTNBL1 antibody can be used for detection of CTTNBL1 by Western blot at 1 and 2 μ g/mL. Antibody can also be used for immunohistochemistry starting at 5 μ g/mL. For immunofluorescence start at 20 μ g/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	CTTNBL1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	CTTNBL1 antibody can be stored at 4°C for three months and -20°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.