

Rabbit CTNNAL1 Polyclonal Antibody | anti-CTNNAL1 antibody

Phospho-CTNNAL1 (Tyr436) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328276	Rabbit	Human, Mouse, Rat Predicted: Bovine, Horse, Sheep, Rabbit, Dog	ELISA, Immunohistochemistry, Western Blot

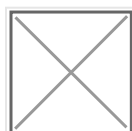
PRODUCT SYNONYMS

CTNNAL1; Polyclonal Antibody; Phospho-CTNNAL1 (Tyr436) Antibody; ACRP; Alpha catenin related protein; alpha CATU; Alpha catulin; Alpha-catenin-related protein; Alpha-catulin; alpha2 catulin; catenin (cadherin associated protein); alpha like 1; Catenin alpha like protein 1; Catenin alpha-like protein 1; catenin; CLLP; CTNL1_HUMAN; Highly similar to ALPHA CATENIN; anti-CTNNAL1 antibody

PRODUCT SPECIFICATIONS

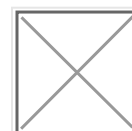
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-CTNNAL1 (Tyr436) Antibody detects endogenous levels of CTNNAL1 only when phosphorylated at Tyr436.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	734
Applicable Applications for anti-CTNNAL1 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CTNNAL1 around the phosphorylation site of Tyr436.
Tissue Specificity	Widely expressed. Expressed at lower level in neural tissues and at the highest level in the adrenal gland.
Subcellular Location	Cytoskeleton; Plasma Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-CTNNAL1 (Tyr436) in lysates of HepG2?, using Phospho-CTNNAL1 (Tyr436) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining mouse kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining rat lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNAL1 antibody

Description: May modulate the Rho pathway signaling by providing a scaffold for the Lbc Rho guanine nucleotide exchange factor (ARHGEF1).

Subunit Structure: Interacts with ARHGEF1.

Similarity: Belongs to the vinculin/alpha-catenin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503129
NCBI GeneID	8727
NCBI Accession #	NP_003789
NCBI GenBank Nucleotide #	NP_003789.1
UniProt Accession #	Q9UBT7
Molecular Weight	Observed: 82 kDa Predicted: 82 kDa
NCBI Official Full Name	alpha-catulin isoform a
NCBI Official Synonym Full Names	catenin alpha like 1
NCBI Official Symbol	CTNNAL1
NCBI Official Synonym Symbols	ACRP; CLLP; alpha-CATU
NCBI Protein Information	alpha-catulin
UniProt Protein Name	Alpha-catulin
UniProt Gene Name	CTNNAL1
UniProt Synonym Gene Names	ACRP
UniProt Entry Name	CTNL1_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/ctnnal1-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328276>