

Rabbit CTNNA1 Polyclonal Antibody | anti-CTNNA1 antibody

CTNNA1 Polyclonal Antibody

CATALOG # AAA170045	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

CTNNA1; Polyclonal Antibody; CTNNA1 Polyclonal Antibody; CAP102; anti-CTNNA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.3mg/mL (varies by lot)
Sequence Length	536
Applicable Applications for anti-CTNNA1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CTNNA1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using CTNNA1 Polyclonal Antibody at dilution of 1:35



WB (Western Blot)

Western Blot analysis of A431 cell using CTNNA1 Polyclonal Antibody at dilution of 1:600

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNA1 antibody	Catenin alpha-1 is a protein that in humans is encoded by the CTNNA1 gene. Associates with the cytoplasmic domain of a variety of cadherins. The association of catenins to cadherins produces a complex which is linked to the actin filament network, and which seems to be of primary importance for cadherins cell-adhesion properties. Can associate with both E- and N-cadherins. Originally believed to be a stable component of E-cadherin/catenin adhesion complexes and to mediate the linkage of cadherins to the actin cytoskeleton at adherens junctions. In contrast, cortical actin was found to be much more dynamic than E-cadherin/catenin complexes and CTNNA1 was shown not to bind to F-actin when assembled in the complex suggesting a different linkage between actin and adherens junctions components.
Product Categories/Family for anti-CTNNA1 antibody	Stem cells; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	594140512
NCBI GeneID	1495
NCBI Accession #	NP_001277241.1
NCBI GenBank Nucleotide #	NM_001290312.1
Molecular Weight	59,550 Da
NCBI Official Full Name	catenin alpha-1 isoform 5
NCBI Official Synonym Full Names	catenin (cadherin-associated protein), alpha 1, 102kDa
NCBI Official Symbol	CTNNA1
NCBI Official Synonym Symbols	CAP102
NCBI Protein Information	catenin alpha-1; alpha E-catenin; alpha-E-catenin; alpha-catenin; alphaE-catenin; cadherin-associated protein,102kDa; renal carcinoma antigen NY-REN-13
UniProt Protein Name	Catenin alpha-1
UniProt Gene Name	CTNNA1
UniProt Entry Name	CTNA1_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/ctnna1-antibody-immunohistochemistry-western-blot-elisa/170045>