

Rabbit Catenin-alpha1 Polyclonal Antibody | anti-CTNNA1 antibody

Catenin-alpha1 Polyclonal Antibody

CATALOG # AAA28979	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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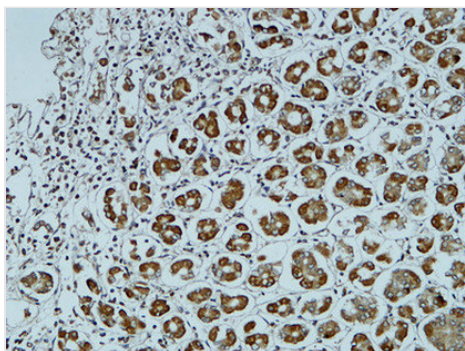
PRODUCT SYNONYMS

Catenin-alpha1; Polyclonal Antibody; Catenin-alpha1 Polyclonal Antibody; CTNNA1; Catenin alpha-1; Alpha E-catenin; Cadherin-associated protein; Renal carcinoma antigen NY-REN-13; anti-CTNNA1 antibody

PRODUCT SPECIFICATIONS

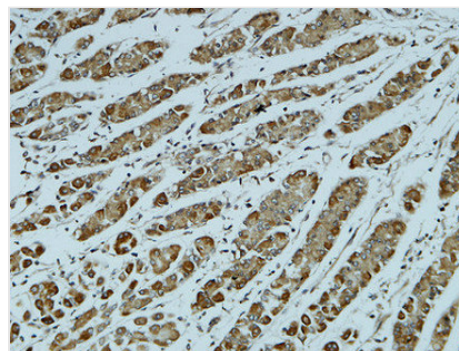
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-CTNNA1 antibody	IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



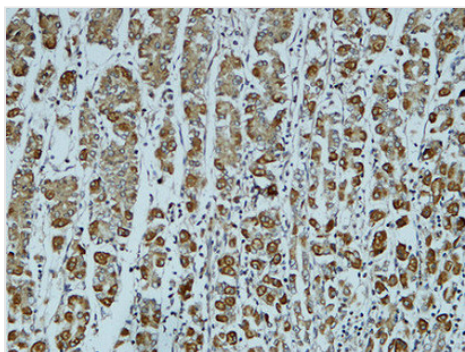
IHC (Immunohistochemistry)

Dilution: Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.



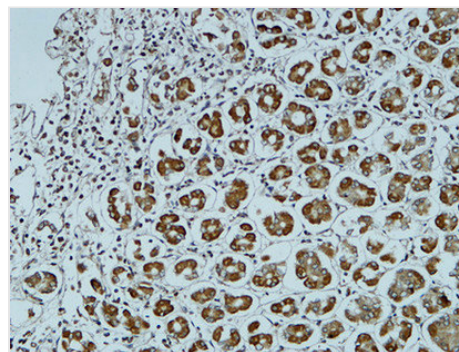
IHC (Immunohistochemistry)

Dilution: Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.



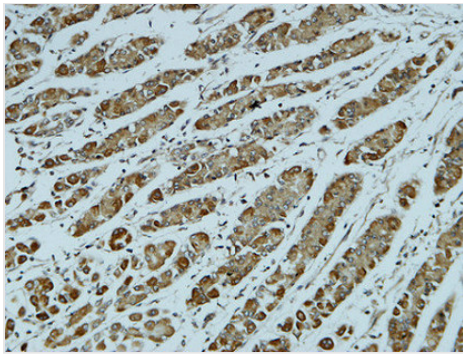
IHC (Immunohistochemistry-Paraffin)

Dilution: Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.



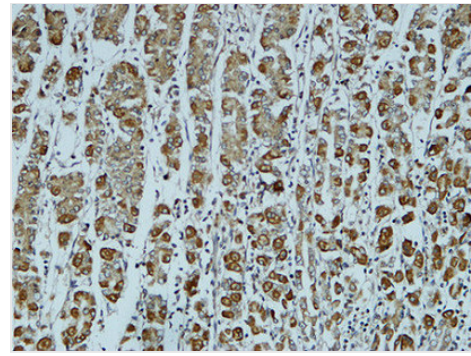
IHC (Immunohistochemistry-Paraffin)

Dilution: Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.



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Dilution: Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.



IHC (Immunohistochemistry)

Dilution: Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNA1 antibody

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. The homodimeric form may regulate actin filament assembly and inhibit actin branching by competing with the Arp2/3 complex for binding to actin filaments. May play a crucial role in cell differentiation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770844
NCBI GeneID	1495
NCBI Accession #	NP_001894.2
NCBI GenBank Nucleotide #	NM_001903.2
UniProt Accession #	P35221; Q12795
Molecular Weight	100,071 Da
NCBI Official Full Name	catenin alpha-1
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-catenin; alphaE-catenin; alpha E-catenin; alpha-E-catenin; renal carcinoma antigen NY-REN-13; cadherin-associated protein,102kDa
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/catenin-alpha1-antibody-immunohistochemistry-elisa/28979>