

Rabbit anti-Human alpha-Catenin Monoclonal Antibody | anti-CTNNA1 antibody

[KO Validated] alpha-Catenin Rabbit mAb

CATALOG # AAA282649	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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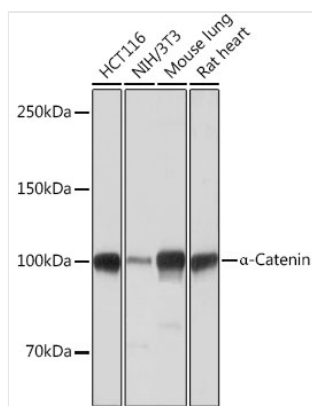
PRODUCT SYNONYMS

alpha-Catenin; Monoclonal Antibody; [KO Validated] alpha-Catenin Rabbit mAb; MDBS2; MDPT2; CAP102; in; anti-CTNNA1 antibody

PRODUCT SPECIFICATIONS

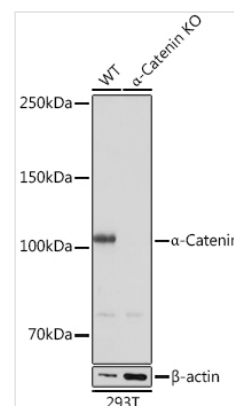
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MTAVHAGNIN FKWDPKSLEI RTLAVERLLE PLVTQVTTLV NTNSKGPSNK KRGRSKKAHV LAASVEQATE NFLEKGD KIA KESQFLKEEL VAAVEDVRKQ
Applicable Applications for anti-CTNNA1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human alpha-Catenin (P35221).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using [KO Validated] α -Catenin Rabbit mAb (AAA282649) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and α -Catenin knockout (KO) 293T cells, using [KO Validated] α -Catenin Rabbit mAb (AAA282649) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNA1 antibody	This gene encodes a member of the catenin family of proteins that play an important role in cell adhesion process by connecting cadherins located on the plasma membrane to the actin filaments inside the cell. The encoded mechanosensing protein contains three vinculin homology domains and undergoes conformational changes in response to cytoskeletal tension, resulting in the reconfiguration of cadherin-actin filament connections. Certain mutations in this gene cause butterfly-shaped pigment dystrophy.
Product Categories/Family for anti-CTNNA1 antibody	Epigenetics Nuclear Signaling; RNA Binding; Cancer; Invasion and Metastasis; Signal Transduction; Cell Biology Developmental Biology; Cell Adhesion; Cadherins; Tight Junctions; Cytoskeleton; Microfilaments; Wnt --- Catenin Signaling Pathway; Stem Cells; An

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	Calculated MW: 100kDa Observed MW: 100kDa
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/monoclonal/alpha-catenin-antibody-western-blot-elisa/282649>