

anti-Human, Mouse Alpha-catenin Antibody | anti-CTNNA1 antibody

Alpha-catenin (Ab-641) antibody

CATALOG # AAA111138	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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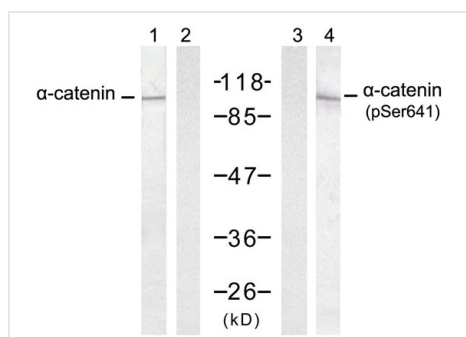
PRODUCT SYNONYMS

Alpha-catenin; Alpha-catenin (Ab-641) antibody; anti-CTNNA1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	alpha-catenin (Ab-641) antibody detects endogenous levels of total alpha-catenin protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	841
Applicable Applications for anti-CTNNA1 antibody	WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human alpha-catenin around the phosphorylation site of serine 641 (D-D-SP-D-F).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extract from A431 cells untreated or treated with EGF (200ng/ml, 30min), using alpha-catenin (Ab-641) antibody and alpha-catenin (Phospho-Ser641) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CTNNA1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Hwang, S.G. et al. (2005) J. Biol. Chem. 280, 12758-12765 Drees, F. et al. (2005) Cell 123, 903-915. Yamada, S. et al. (2005) Cell 123, 889-901. Kobiela, A. and Fuchs, E. (2004) Nat. Rev. Mol. Cell Biol. 5, 614-625.

NCBI AND UNIPROT INFORMATION

NCBI GI #	594140506
NCBI GeneID	1495
NCBI Accession #	NP_001277236.1
NCBI GenBank Nucleotide #	NM_001290307.2
UniProt Accession #	P35221; Q12795; Q8N1C0
Molecular Weight	59,550 Da
NCBI Official Full Name	catenin alpha-1 isoform 2
NCBI Official Synonym Full Names	catenin alpha 1
NCBI Official Symbol	CTNNA1
NCBI Official Synonym Symbols	MDPT2; CAP102
NCBI Protein Information	catenin alpha-1
UniProt Protein Name	Catenin alpha-1
UniProt Gene Name	CTNNA1

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/human-mouse-antibody/alpha-catenin/111138>