

Rabbit anti-Human, Mouse alpha-catenin Polyclonal Antibody | anti-CTNNA1 antibody

alpha-catenin (Phospho-Ser641) Antibody

CATALOG # AAA302073	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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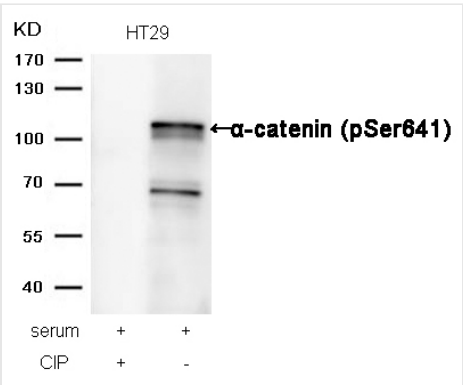
PRODUCT SYNONYMS

alpha-catenin; Polyclonal Antibody; alpha-catenin (Phospho-Ser641) Antibody; a-catenin (Phospho-Ser641) Antibody; Cadherin-associated protein; Alpha E-catenin; NY-REN-13 antigen; anti-CTNNA1 antibody

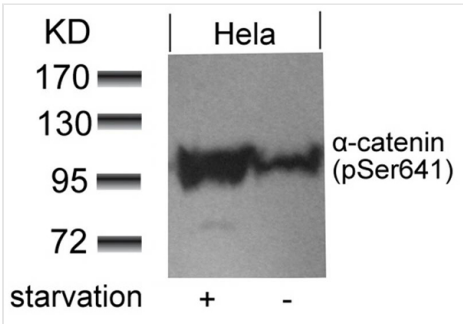
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of a-catenin only when phosphorylated at serine 641.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography use
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	841
Applicable Applications for anti-CTNNA1 antibody	WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 641 (D-D-S(p)-D-F) derived from Human a-catenin.
Modification	Phospho-Ser641
Target Name	a-catenin
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HT29 cells, treated with serum or calf intestinal phosphatase (CIP), using alpha-catenin (Phospho-Ser641) Antibody.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells untreated or treated with starvation using a-catenin(Phospho-Ser641) antibody.

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. May play a crucial role in cell differentiation.
Product Categories/Family for anti-CTNNA1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	594140506
NCBI GeneID	1495
NCBI Accession #	NP_001277236.1
NCBI GenBank Nucleotide #	NM_001290307.1
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 (cadherin-associated protein), alpha 1, 102kDa
NCBI Official Symbol	CTNNA1
NCBI Official Synonym Symbols	CAP102
NCBI Protein Information	catenin alpha-1
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.