

Rabbit anti-Human beta-Catenin-S552 Monoclonal Antibody | anti-CTNNB1 antibody

Phospho-beta-Catenin-S552 Rabbit mAb

CATALOG # AAA283139	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

beta-Catenin-S552; Monoclonal Antibody; Phospho-beta-Catenin-S552 Rabbit mAb; EVR7; CTNNB; MRD19; NEDSDV; armadillo; Phospho-beta-Catenin-S552; anti-CTNNB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	RTSMG
Applicable Applications for anti-CTNNB1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic phosphorylated peptide around S552 of human CTNNB1 (NP_001895.1).
Modification	Phospho S552
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from NIH/3T3 cells, using Phospho-?-Catenin-S552 Rabbit mAb (AAA283139) at 2000 dilution. NIH/3T3 cells were treated by CIP(20uL/400ul) at 37? for 1 hour.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: 60s.



WB (Western Blot)

Western blot analysis of lysates from 293T cells, using Phospho-?-Catenin-S552 Rabbit mAb (AAA283139) at 2000 dilution. 293T cells were treated by ?-PP mixed solution (1ul) at 30? for 30 minutes.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: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNB1 antibody	The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-CTNNB1 antibody	Epigenetics Nuclear Signaling; Transcription Factors; Protein phosphorylation; Cancer; Invasion and Metastasis; Signal Transduction; ErbB-HER Signaling Pathway; Cell Biology Developmental Biology; Apoptosis; Cell Adhesion; Cadherins; Tight Junctions; Cyto

NCBI AND UNIPROT INFORMATION

NCBI GI #	148233338
NCBI GeneID	1499
NCBI Accession #	NP_001091679.1
NCBI GenBank Nucleotide #	NM_001098209.1
UniProt Accession #	P35222; Q8NEW9; Q8NI94; Q9H391; A8K1L7
Molecular Weight	Calculated MW: 85kDa Observed MW: 92kDa
UniProt Protein Name	Catenin beta-1
UniProt Gene Name	CTNNB1
UniProt Synonym Gene Names	CTNNB
UniProt Entry Name	CTNB1_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/beta-catenin-s552-antibody-western-blot-elisa/283139>