

Rabbit beta-Catenin Polyclonal Antibody | anti-CTNNB1 antibody

beta-Catenin (Phospho-Thr41/Ser45) Antibody

CATALOG # AAA303318	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

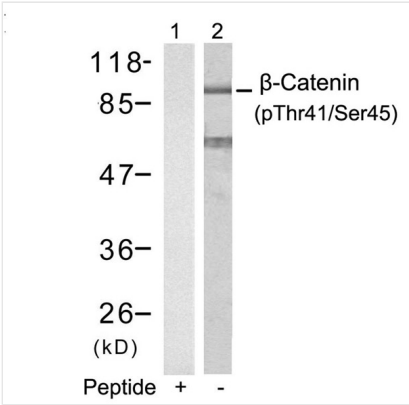
PRODUCT SYNONYMS

beta-Catenin; Polyclonal Antibody; beta-Catenin (Phospho-Thr41/Ser45) Antibody; b-Catenin (Phospho-Thr41/Ser45) Antibody; CTNNB1; CATNB; CTNB1; CTNNB; anti-CTNNB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of b-Catenin only when phosphorylated at threonine 41/serine 45.
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	781
Applicable Applications for anti-CTNNB1 antibody	WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 41/serine 45 (A-T-T(p)-T-A-P-S(p)-L-S) derived from Human b-Catenin.
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity chromatography using epitope-specific phosphopeptide. Non-phosphospecific antibodies were removed by chromatography using non-phosphopeptide.
Modification	Phospho-Thr41/Ser45
Target Name	b-Catenin
Predicted MW	92 kD
Preparation and Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from SW626 cells using b-Catenin(Phospho-Thr41/Ser45) Antibody (Lane 2) and the same antibody preincubated with blocking peptide(Lane1).

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNB1 antibody	Involved in the regulation of cell adhesion and in signal transduction through the Wnt pathway.
Product Categories/Family for anti-CTNNB1 antibody	Phospho-specific Ab

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	9,501 Da
NCBI Official Full Name	catenin beta-1
NCBI Official Synonym Full Names	catenin (cadherin-associated protein), beta 1, 88kDa
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	CTNNB; MRD19; armadillo
NCBI Protein Information	catenin beta-1
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.