

beta-Catenin Antibody | anti-CTNNB1 antibody

beta-Catenin (Phospho-Ser33) Antibody

CATALOG # AAA111125	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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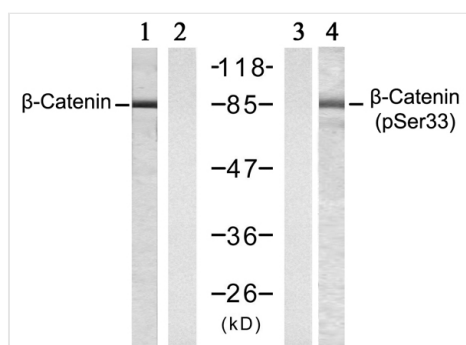
PRODUCT SYNONYMS

beta-Catenin; beta-Catenin (Phospho-Ser33) Antibody; anti-CTNNB1 antibody

PRODUCT SPECIFICATIONS

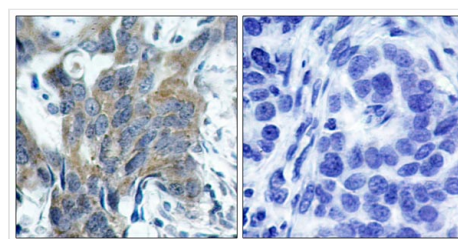
Reactivity	Human, Mouse, Rat
Specificity	beta-Catenin (phospho-Ser33) antibody detects endogenous levels of beta-Catenin only when phosphorylated at serine 33.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	781
Applicable Applications for anti-CTNNB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human beta-Catenin around the phosphorylation site of serine 33 (L-D-SP-G-I).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from SW 626 cells, untreated or treated with Calyculin A (50nM, 30min), using beta-Catenin (Ab-33) antibody and beta-Catenin (phospho-Ser33) antibody.



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using beta-Catenin (phospho-Ser33) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CTNNB1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Novak A, et al. (1998) Proc Natl Acad Sci U S A; 95(8): 4374-4379 Marin O, et al. (2003) Proc Natl Acad Sci U S A; 100(18): 10193-10200 Okamura H, et al. (2004) Mol Cell Biol; 24(10): 4184-4195 Xing Y, et al. (2003) Genes Dev; 17(22): 2753-2764 Barth AI, et al. (1999) Proc Natl Acad Sci U S A; 96(9): 4947-4952.
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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	85,497 Da
NCBI Official Full Name	catenin beta-1 isoform 1
NCBI Official Synonym Full Names	catenin beta 1
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	EVR7; CTNNB; MRD19; armadillo
NCBI Protein Information	catenin beta-1
UniProt Protein Name	Catenin beta-1
UniProt Gene Name	CTNNB1
UniProt Synonym Gene Names	CTNNB

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.