

Rabbit Catenin-beta Polyclonal Antibody | anti-CTNNB1 antibody

Catenin-beta (Phospho-Tyr489) Antibody

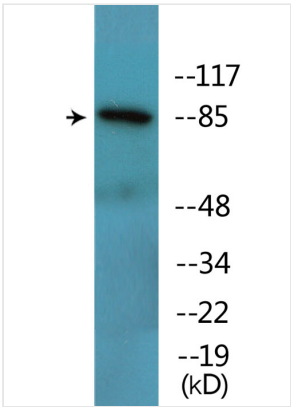
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318295	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

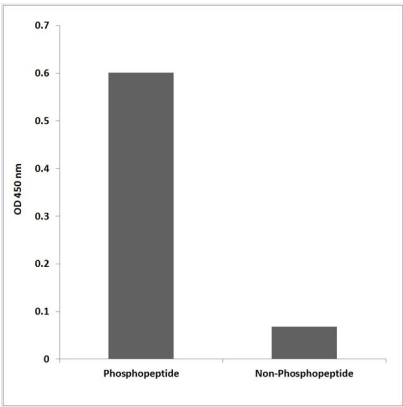
Catenin-beta; Polyclonal Antibody; Catenin-beta (Phospho-Tyr489) Antibody; Catenin beta-1; Beta-catenin; CTNNB1; CTNNB; OK/SW-cl.35; PRO2286; anti-CTNNB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Catenin-beta (Phospho-Tyr489) Antibody detects endogenous levels of CTNNB1 only when phosphorylated at Tyr489.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (Phospho-without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	781
Applicable Applications for anti-CTNNB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y489; M:Y489; R:Y489
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human Catenin-beta around the phosphorylation site of Tyr489.
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from COS7 cells treated with UV 15', using Catenin-beta (Phospho-Tyr489) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Catenin-beta (Phospho-Tyr489) Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	461854
NCBI GeneID	1499
UniProt Accession #	P35222; Q8NEW9; Q8NI94; Q9H391; A8K1L7
Molecular Weight	85 kDa
NCBI Official Full Name	Catenin beta-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.