

Rabbit Anti-CTNNB1 Polyclonal Antibody

CPB-678RH Rabbit(CTNNB1)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-CTNNB1 Polyclonal Antibody
Antigen Description	Involved in the regulation of cell adhesion and in signal transduction through the Wnt pathway.
specificity	The antibody detects endogenous level of CTNNB1 only when phosphorylated at threonine 41/serine 45.
Target	CTNNB1
Immunogen	Peptide sequence around phosphorylation site of threonine 41/serine 45 (A-T-T(p)-T-A-P-S(p)-L-S) derived from Human CTNNB1.
Host	Rabbit
Species	Human
Cross Reactivity	Human
conjugation	N/A
Applications	WB

PACKAGING

Format	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C /1 year

ANTIGEN GENE INFORMATION

Gene Name	CTNNB1 catenin (cadherin-associated protein), beta 1, 88kDa [Homo sapiens]
Official Symbol	CTNNB1
Synonyms	CTNNB1; catenin (cadherin-associated protein), beta 1, 88kDa; catenin (cadherin associated protein), beta 1 (88kD) ; CTNNB; catenin beta-1; beta catenin; CTNNB; FLJ25606; FLJ37923; DKFZp686D02253;
GeneID	1499
mRNA Refseq	NM_001098209
Protein Refseq	NP_001091679
MIM	116806
UniProt ID	P35222
Chromosome Location	3p21
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Adherens junctions interactions, organism-specific biosystem; Adipogenesis, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptotic cleavage of cell adhesion proteins, organism-specific biosystem;

Function

DNA binding; I-SMAD binding; R-SMAD binding; RPTP-like protein binding; SMAD binding; alpha-catenin binding; androgen receptor binding; cadherin binding; chromatin binding; double-stranded DNA binding; enzyme binding; estrogen receptor binding; ion channel binding; ionotropic glutamate receptor binding; kinase binding; nuclear hormone receptor binding; nuclear hormone receptor binding; protein C-terminus binding; protein binding; protein kinase binding; protein phosphatase binding; repressing transcription factor binding; sequence-specific DNA binding transcription factor activity; signal transducer activity; structural molecule activity; transcription coactivator activity; transcription coactivator activity; transcription factor binding; transcription factor binding; transcription regulatory region DNA binding;