Rabbit Anti-CTNNB1 Polyclonal Antibody

CPB-1012RH 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 totalp-Catenin protein.
Target	CTNNB1
Immunogen	Peptide sequence around aa. 39~43/43~47 (A-T-T-T-A-P-S-L-S) derived from Humanp-Catenin.
Host	Rabbit
Species	Human
Cross Reactivity	Human
conjugation	N/A
Applications	WB

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM 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 adhesionproteins, organism-specific biosystem;

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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;

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