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Rabbit Anti-Beta catenin , Alexa Fluor® 488 conjugated antibody

SL23663R-AF488

Product Name	Beta catenin, Bodipy Fluor 488 conjugated
Chinese Name	AF488 标记的 β-连环蛋白/β-连环素/β 链接素抗体
Alias	beta-catenin; CHBCAT; CTNNB1; CTNNB; PRO2286; Cadherin associated protein; Catenin (cadherin associated protein), beta 1, 88kDa; Catenin beta 1; Catenin beta-1; CATNB; CTNB1_HUMAN; DKFZp686D02253; FLJ25606; FLJ37923; b-catenin; Catenin-β; Catenin β.
Research Area	Tumour Cardiovascular Neurobiology Signal transduction Stem cells
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse,Rat(predicted:Chicken,Dog,Pig,Cow,Horse,Rabbit,Zebrafish,Sheep)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	86kDa
Cellular localization	cytoplasmic The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Beta catenin: 701-781/781
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed PubMed

The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Three transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Oct 2009].

SWISS:
P35222

Gene ID:
1499

Product Detail

Database links:

Entrez Gene: 1499 Human

Entrez Gene: 12387 Mouse

Entrez Gene: 84353 Rat

Omim: 116806 Human

SwissProt: P35222 Human

SwissProt: Q02248 Mouse

SwissProt: Q9WU82 Rat

Unigene: 476018 Human

Unigene: 291928 Mouse

Unigene: 112601 Rat