

## Rabbit Anti-Beta catenin , Alexa Fluor® 680 conjugated antibody

SL23663R-AF680

**Product Name** Beta catenin, Bodipy Fluor 680 conjugated

**Chinese Name** AF680 标记的  $\beta$ -连环蛋白/ $\beta$ -连环素/ $\beta$  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- $\beta$ ; Catenin  $\beta$ .

**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)  
IF=1:100-500

**Applications** 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°C. 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