

A0963

Leader in Biomolecular Solutions for Life Science



# $\gamma$ -Catenin Rabbit pAb

Catalog No.: A0963

1 Publications

## Basic Information

### Observed MW

82kDa

### Calculated MW

82kDa

### Category

Polyclonal Antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human,Mouse

## Background

This gene encodes a major cytoplasmic protein which is the only known constituent common to submembranous plaques of both desmosomes and intermediate junctions. This protein forms distinct complexes with cadherins and desmosomal cadherins and is a member of the catenin family since it contains a distinct repeating amino acid motif called the armadillo repeat. Mutation in this gene has been associated with Naxos disease. Alternative splicing occurs in this gene; however, not all transcripts have been fully described.

## Recommended Dilutions

|              |   |
|--------------|---|
| <b>WB</b>    | 1:500 - 1:2000  |
| <b>IP</b>    | 0.5 $\mu$ g-4 $\mu$ g antibody for<br>200 $\mu$ g-400 $\mu$ g extracts<br>of whole cells  |
| <b>ELISA</b> | Recommended starting<br>concentration is 1<br>$\mu$ g/mL. Please optimize<br>the concentration<br>based on your specific<br>assay requirements. |

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Immunogen Information

### Gene ID

3728

### Swiss Prot

P14923

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

PG; DP3; PDGB; PKGB; CTNNG; DPIII;  $\gamma$ -Catenin

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

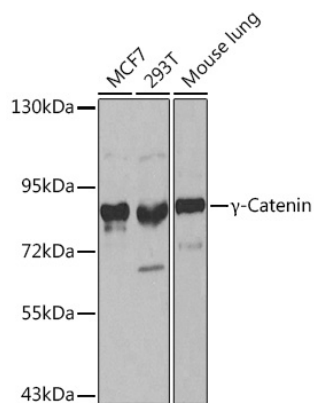
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



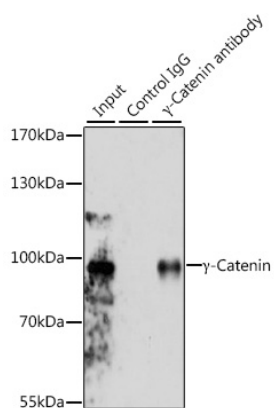
Western blot analysis of various lysates using  $\gamma$ -Catenin Rabbit pAb (A0963) at 1:500 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).



Immunoprecipitation analysis of 200  $\mu$ g extracts of MCF-7 cells, using 3  $\mu$ g  $\gamma$ -Catenin antibody (A0963). Western blot was performed from the immunoprecipitate using  $\gamma$ -Catenin antibody (A0963) at a dilution of 1:1000.