

# γ-Catenin

Catalog No.: A0460

## Basic Information

### Observed MW

91kDa

### Calculated MW

82kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

## 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

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

3728

### Swiss Prot

P14923

### Immunogen

A synthetic peptide of human JUP

### Synonyms

PG; DP3; PDGB; PKGB; CTNNG; DPIII

## Contact

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

## Product Information

### Source

Mouse

### Isotype

IgG

### Purification

Affinity purification

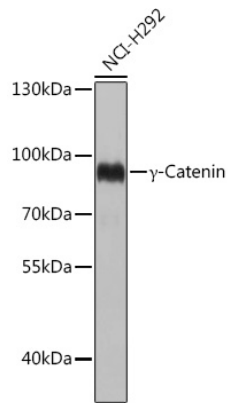
### Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

## Validation Data

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Western blot analysis of extracts of NCI-H292 cells, using JUP antibody (A0460).  
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (A5003) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.