

A4157

Leader in Biomolecular Solutions for Life Science



γ -Catenin Rabbit mAb

Catalog No.: A4157 **Recombinant** **1 Publications**

Basic Information

Observed MW

82kDa

Calculated MW

82kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC0909

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
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
3728	P14923

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 15-115 of human γ -Catenin (P14923).

Synonyms

PG; DP3; PDGB; PKGB; CTNNG; DPIII; γ -Catenin

Contact



www.abclonal.com

Product Information

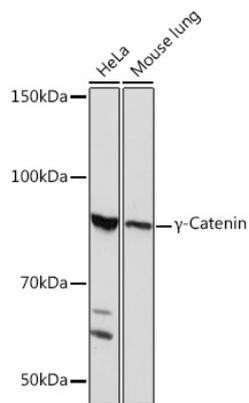
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

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

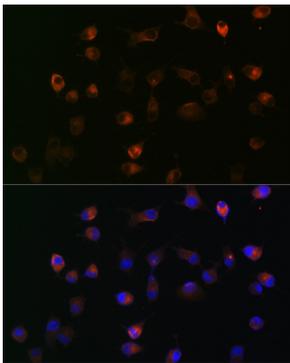
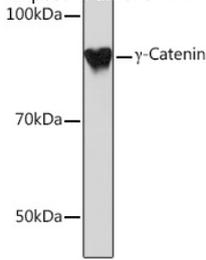
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

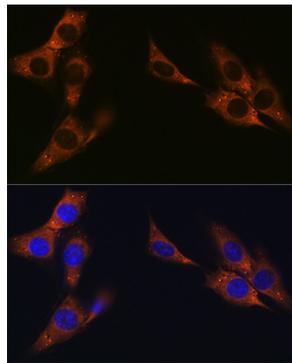


Western blot analysis of extracts of various cell lines, using γ -Catenin Rabbit mAb (A4157) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.

Western blot analysis of extracts of Rat heart, using γ -Catenin Rabbit mAb (A4157) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3min.



Immunofluorescence analysis of HeLa cells using γ -Catenin Rabbit mAb (A4157) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using γ -Catenin Rabbit mAb (A4157) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.