



Datasheet for ABIN7101634
anti-JUP antibody



[Go to Product page](#)

7 Images

Overview

Quantity:	20 µL
Target:	JUP
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This JUP antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human gamma-Catenin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	JUP
Alternative Name:	JUP (JUP Products)
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

Target Details

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. [provided by RefSeq, Jul 2008],ARVD12, CTNNG, DP3, DPL1, PDGB, PKGB,Cell Adhesion,Cell Adhesion_Tight Junctions,Cell Biology & Developmental Biology,Cytoskeleton,Cytoskeleton_Microfilaments,Signal Transduction,JUP

Molecular Weight: 82 kDa

Gene ID: 3728

UniProt: [P14923](#)

Pathways: [Cell-Cell Junction Organization](#), [Maintenance of Protein Location](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

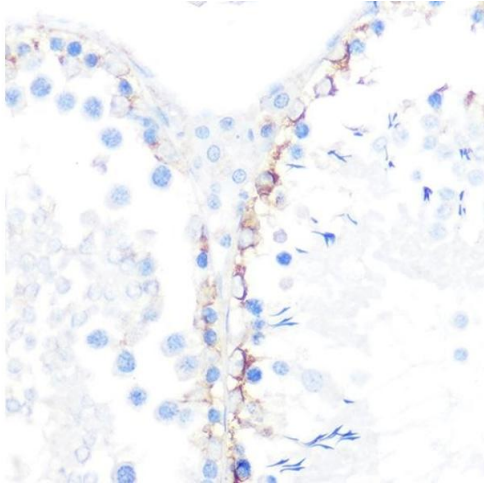
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

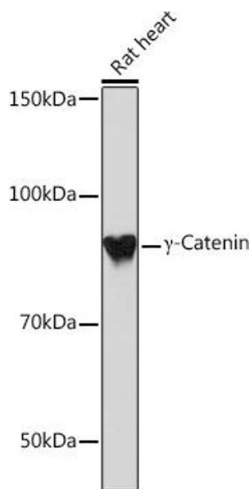
Storage: -20 °C

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



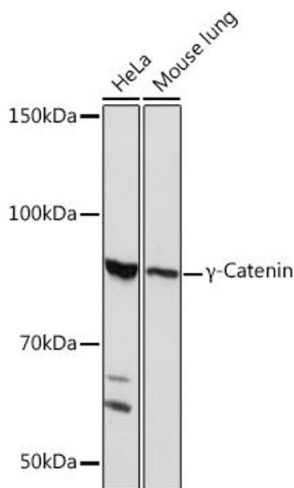
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat testis using γ -Catenin Rabbit mAb (ABIN1683043, ABIN3018625, ABIN3018626 and ABIN7101634) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of Rat heart, using γ -Catenin Rabbit mAb (ABIN1683043, ABIN3018625, ABIN3018626 and ABIN7101634) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) 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: 3 min.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using γ -Catenin Rabbit mAb (ABIN1683043, ABIN3018625, ABIN3018626 and ABIN7101634) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) 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.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7101634.