

**gamma Catenin Rabbit mAb**  
Catalog # AP78519**Specification**

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**gamma Catenin Rabbit mAb - Product Information**

Application	WB, IHC-P, FC, ICC
Primary Accession	<a href="#">P14923</a>
Reactivity	Human, Mouse, Rat, Dog
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	81745

**gamma Catenin Rabbit mAb - Additional Information**

Gene ID 3728

**Other Names**

JUP

**Format**

Liquid

**gamma Catenin Rabbit mAb - Protein Information**Name JUP ([HGNC:6207](#))**Function**

Common junctional plaque protein. The membrane-associated plaques are architectural elements in an important strategic position to influence the arrangement and function of both the cytoskeleton and the cells within the tissue. The presence of plakoglobin in both the desmosomes and in the intermediate junctions suggests that it plays a central role in the structure and function of submembranous plaques. Acts as a substrate for VE-PTP and is required by it to stimulate VE-cadherin function in endothelial cells. Can replace beta-catenin in E-cadherin/catenin adhesion complexes which are proposed to couple cadherins to the actin cytoskeleton (By similarity).

**Cellular Location**

Cell junction, adherens junction. Cell junction, desmosome. Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein. Cytoplasm {ECO:0000250|UniProtKB:Q9PVF7}. Cell junction {ECO:0000250|UniProtKB:Q9PVF7}. Nucleus {ECO:0000250|UniProtKB:Q9PVF7}  
Note=Cytoplasmic in a soluble and membrane-associated form. Colocalizes with DSG4 at desmosomes (PubMed:21495994)

**Tissue Location**

Expressed in the heart (at protein level).

**gamma Catenin Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**gamma Catenin Rabbit mAb - Images**