

14-3-3 gamma Rabbit mAb
Catalog # AP76372**Specification****14-3-3 gamma Rabbit mAb - Product Information**

Application	WB
Primary Accession	P61981
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	28303

14-3-3 gamma Rabbit mAb - Additional Information**Gene ID** 7532**Other Names**
YWHAG**Dilution**
WB~~1/500-1/1000**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**14-3-3 gamma Rabbit mAb - Protein Information****Name** YWHAG ([HGNC:12852](#))**Function**

Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways (PubMed:15696159, PubMed:16511572, PubMed:36732624). Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif (PubMed:15696159, PubMed:16511572, PubMed:36732624). Binding generally results in the modulation of the activity of the binding partner (PubMed:16511572). Promotes inactivation of WDR24 component of the GATOR2 complex by binding to phosphorylated WDR24 (PubMed:36732624). Participates in the positive regulation of NMDA glutamate receptor activity by promoting the L-glutamate secretion through interaction with BEST1 (PubMed:36732624).

[29121962](http://www.uniprot.org/citations/29121962)). Reduces keratinocyte intercellular adhesion, via interacting with PKP1 and sequestering it in the cytoplasm, thereby reducing its incorporation into desmosomes (PubMed:[29678907](http://www.uniprot.org/citations/29678907)). Plays a role in mitochondrial protein catabolic process (also named MALM) that promotes the degradation of damaged proteins inside mitochondria (PubMed:[22532927](http://www.uniprot.org/citations/22532927)).

Cellular Location

Cytoplasm, cytosol. Mitochondrion matrix. Note=Translocates to the mitochondrial matrix following induction of MALM (mitochondrial protein catabolic process).

Tissue Location

Highly expressed in brain, skeletal muscle, and heart.

14-3-3 gamma 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](#)

14-3-3 gamma Rabbit mAb - Images



