

ACBD3 Antibody
Rabbit mAb
Catalog # AP93222**Specification**

ACBD3 Antibody - Product Information

Application	WB
Primary Accession	Q9H3P7
Clonality	Monoclonal
Other Names	
ACBD3; GCP60; GOCAP1; GOLPH1; PAP7;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	60593 Da

ACBD3 Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ACBD3
Description	Involved in the maintenance of Golgi structure by interacting with giantin, affecting protein transport between the endoplasmic reticulum and Golgi. Involved in hormone-induced steroid biosynthesis in testicular Leydig cells.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

ACBD3 Antibody - Protein Information**Name** ACBD3**Synonyms** GCP60, GOCAP1, GOLPH1**Function**

Involved in the maintenance of Golgi structure by interacting with giantin, affecting protein transport between the endoplasmic reticulum and Golgi (PubMed:[11590181](http://www.uniprot.org/citations/11590181)). Involved in hormone-induced steroid biosynthesis in testicular Leydig cells (By similarity). Recruits PI4KB to the Golgi apparatus membrane; enhances the enzyme activity of PI4KB activity via its membrane recruitment thereby increasing the local concentration of the substrate in the vicinity of the kinase (PubMed:[27009356](http://www.uniprot.org/citations/27009356)).

Cellular Location

Golgi apparatus membrane; Peripheral membrane protein; Cytoplasmic side. Mitochondrion.
Note=Also mitochondrial (via its interaction with PBR).

Tissue Location

Ubiquitous, with highest expression in testis and ovary.

ACBD3 Antibody - 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](#)

ACBD3 Antibody - Images