

**ACBD3 Antibody**  
Rabbit mAb  
Catalog # AP93222

## Specification

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### ACBD3 Antibody - Product Information

Application	WB
Primary Accession	<a href="#">Q9H3P7</a>
Clonality	Monoclonal
<b>Other Names</b>	
ACBD3; GCP60; GOCAP1; GOLPH1; PAP7;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	60593 Da

### ACBD3 Antibody - Additional Information

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**