

**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**