

**ACBD3 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14166**

**Specification**

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**ACBD3 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O9H3P7</a>
Other Accession	<a href="#">NM_022735</a> , <a href="#">NP_073572</a>
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig
Predicted	Mouse, Rat, Rabbit, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60kDa KDa

**ACBD3 antibody - N-terminal region - Additional Information**

**Gene ID** 64746

**Alias Symbol** GCP60, GOCAP1, GOLPH1, PAP7

**Other Names**

Golgi resident protein GCP60, Acyl-CoA-binding domain-containing protein 3, Golgi complex-associated protein 1, GOCAP1, Golgi phosphoprotein 1, GOLPH1, PBR- and PKA-associated protein 7, Peripheral benzodiazepine receptor-associated protein PAP7, ACBD3, GCP60, GOCAP1, GOLPH1

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-ACBD3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

ACBD3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**ACBD3 antibody - N-terminal region - 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:<a

href="http://www.uniprot.org/citations/11590181" target="\_blank">11590181</a>). 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:<a href="http://www.uniprot.org/citations/27009356" target="\_blank">27009356</a>).

#### Cellular Location

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

#### Tissue Location

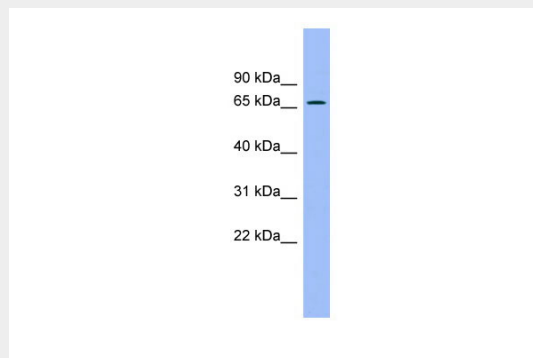
Ubiquitous, with highest expression in testis and ovary.

### ACBD3 antibody - N-terminal region - 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 - N-terminal region - Images



WB Suggested Anti-ACBD3 Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:1562500  
Positive Control: Human Muscle

### ACBD3 antibody - N-terminal region - References

Sohda M., et al. J. Biol. Chem. 276:45298-45306(2001).  
Liu J., et al. Submitted (SEP-2002) to the EMBL/GenBank/DDBJ databases.  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Gregory S.G., et al. Nature 441:315-321(2006).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.