

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

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

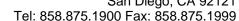
Synonyms GCP60, GOCAP1, GOLPH1

Function

Involved in the maintenance of Golgi structure by interacting with giantin, affecting protein transport between the endoplasmic reticulum and Golgi (PubMed:11590181). 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).

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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ACBD3 Antibody - Images