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ACBD3 Antibody

Rabbit mAb
Catalog # AP93222

Product Information

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

Additional Information

Dilution	WB 1:500~1:2000
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.

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.

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