

KD-Validated Anti-ACBD3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1215

Product Information

Application	WB, FC, ICC
Primary Accession	Q9H3P7
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB3620
Calculated MW	60593
Gene Name	ACBD3
Aliases	ACBD3; Acyl-CoA Binding Domain Containing 3; GCP60; PBR- And PKA-Associated Protein 7; GOCAP1; GOLPH1; PAP7; Peripheral Benzodiazepine Receptor-Associated Protein PAP7; Acyl-Coenzyme A Binding Domain Containing 3; Golgi Complex Associated Protein 1, 60kDa; Golgi Resident Protein GCP60; Golgi Phosphoprotein 1; Acyl-CoA-Binding Domain-Containing Protein; Golgi Complex-Associated Protein 1; PKA (RIalpha)-Associated Protein
Immunogen	A synthesized peptide derived from human ACBD3

Additional Information

Gene ID	64746
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, Golgi resident protein GCP60, N-terminally processed, ACBD3, GCP60, GOCAP1, GOLPH1

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.