Datasheet for ABIN1387958

anti-ACBD3 antibody (AA 65-160)

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Overview

Quantity:	100 µL
Target:	ACBD3 (Acbd3)
Binding Specificity:	AA 65-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACBD3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ACBD3/GOCAP1
Isotype:	IgG
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

Target Details

Target:	ACBD3 (Acbd3)
Alternative Name:	ACBD3 (Acbd3 Products)

Target Details

Background:	Synonyms: ACBD 3, ACBD3, Acyl CoA binding domain containing protein 3, Acyl Coenzyme A binding domain containing 3, Acyl-CoA-binding domain-containing protein 3, GCP 60, GCP60, GCP60_HUMAN, GOCAP 1, GOCAP1, Golgi complex associated protein 1 60 kDa, Golgi complex associated protein 1, Golgi complex-associated protein 1, Golgi phosphoprotein 1, Golgi resident protein GCP60, GOLPH 1, GOLPH1, PAP 7, PAP7, PBR and PKA associated protein 7, PBR associated protein, PBR- and PKA-associated protein 7, Peripheral benzodiazepine receptor associated protein PAP7, Peripheral benzodiazepine receptor-associated protein PAP7, Peripherial benzodiazepine receptor associated protein, PKA RIalpha associated protein. Background: ACBD3 (acyl-CoA-binding domain-containing protein 3), also known as GCP60 (Golgi resident protein GCP60), GOCAP1, PAP7 or GOLPH1, is a Golgi apparatus membrane protein that contains one ACB (acyl-CoA-binding) domain and one GOLD (Golgi dynamics) domain which is essential for its interaction with other proteins. Expressed ubiquitously with highest expression in ovary and testis, ACBD3 is responsible for maintaining Golgi structure and, through binding to Giantin (golgin subfamily B member 1), functions to mediate protein transport between the Golgi and the endoplasmic reticulum (ER). Changes in the subcellular location of ACBD3 trigger signaling cascades within the Golgi that regulate cell fate and cell cycle progression. Additionally, ACBD3 is thought to act as a peripheral-type benzodiazepine receptor-associated protein, possibly playing a role in hormonal regulation and steroid formation.

Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

