



[Go to Product page](#)

Datasheet for ABIN499900

anti-ACBD3 antibody (N-Term)

1 Image

Overview

Quantity:	0.1 mg
Target:	ACBD3 (Acbd3)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACBD3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	GOLPH1 antibody was raised against a 16 amino acid peptide from near the amino terminus of human GOLPH1.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	ACBD3 (Acbd3)
Alternative Name:	ACBD3 (Acbd3 Products)
Background:	GOLPH1, also known as GCP60, was initially identified as a Golgi protein that can interact with the integral membrane protein giantin and is thought to be involved in the maintenance of the Golgi structure. GOLPH1 has also been shown to interact with other Golgi proteins such as

Target Details

Golgin-160, a Golgi protein that can be cleaved by caspases-2, -3, and -7, leading to the nuclear localization of Golgin-160. GOLPH1 interaction with the Golgin-160 fragments is stronger than that with the intact Golgin-160, with its interaction regulated by the oxidation state of Cys-463 within GOLPH1, suggesting that the nuclear localization of the caspase-cleaved Golgin-160 fragments is a highly coordinated event. GOLPH1 has also been found to interact with Numb, a cytosolic signaling protein that mediates asymmetric cell division of neural progenitor cells to a daughter progenitor cell and a neuron, suggesting that Golgi fragmentation and reconstitution during the cell cycle differentially regulate Numb signaling through changes in GOLPH1 subcellular distribution and may couple cell fate with cell cycle progression. Synonyms: Acyl-CoA-binding domain-containing protein 3, GOCAP1, GOLPH1, Golgi complex-associated protein 1, Golgi phosphoprotein 1, Golgi resident protein GCP60, PAP7, PBR- and PKA-associated protein 7, Peripheral benzodiazepine receptor-associated protein

Gene ID: 64746

NCBI Accession: [NP_073572](#)

UniProt: [Q9H3P7](#)

Application Details

Application Notes: ELISA. Western Blot: 1 - 2 µg/mL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide.

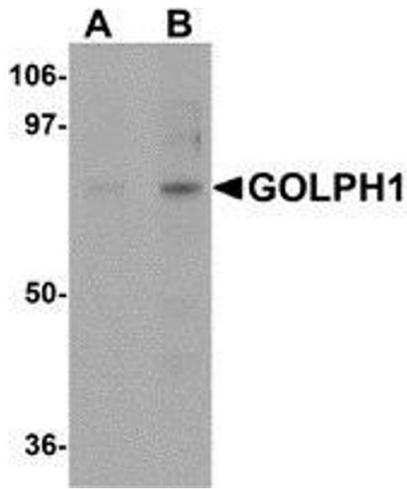
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



Western Blotting

Image 1. Western blot analysis of GOLPH1 in K562 cell lysate with AP30370PU-N GOLPH1 antibody at (A) 1 and (B) 2 $\mu\text{g/ml}$.