



## Rabbit Anti-ACBD3 antibody

SL11910R

<b>Product Name:</b>	ACBD3
<b>Chinese Name:</b>	高尔基复合体相关蛋白1抗体
<b>Alias:</b>	GOCAP1; 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 60kDa; 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; Peripheral benzodiazepine receptor associated protein; PKA (RIalpha) associated protein.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Rat,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	60kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ACBD3/GOCAP1:65-160/528
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is involved in the maintenance of Golgi structure and function through its interaction with the integral membrane protein giantin. It may also be involved in the hormonal regulation of steroid formation. [provided by RefSeq, Jul 2008]</p> <p><b>Function:</b> 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.</p> <p><b>Subunit:</b> Interacts with the C-terminal cytoplasmic domain of giantin/GOLGB1. Interacts with PBR and PKA regulatory subunit RI-alpha. Does not interact with PKA regulatory subunit RI-beta nor PKA regulatory subunit RII-alpha</p> <p><b>Subcellular Location:</b> Golgi apparatus membrane. Mitochondrion. Also mitochondrial (via its interaction with PBR).</p> <p><b>Tissue Specificity:</b> Ubiquitous, with highest expression in testis and ovary.</p> <p><b>Similarity:</b> Contains 1 ACB (acyl-CoA-binding) domain. Contains 1 GOLD domain.</p> <p><b>SWISS:</b> Q9H3P7</p> <p><b>Gene ID:</b> 64746</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 64746</a> Human</p> <p><a href="#">Entrez Gene: 170760</a> Mouse</p> <p><a href="#">Entrez Gene: 289312</a> Rat</p> <p><a href="#">Omim: 606809</a> Human</p> <p><a href="#">SwissProt: Q9H3P7</a> Human</p>

[SwissProt: Q8BMP6](#) Mouse

[SwissProt: Q7TNY6](#) Rat

[Unigene: 520207](#) Human

[Unigene: 272981](#) Mouse

[Unigene: 57036](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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