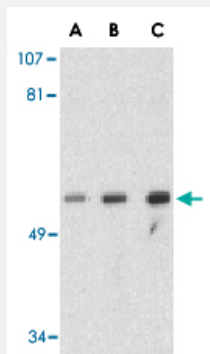


# GOPC polyclonal antibody

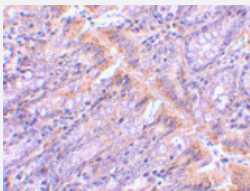
Catalog # PAB13172      Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of GOPC in PC-3 cell lysate with GOPC polyclonal antibody (Cat # PAB13172) at (A) 1, (B) 2 and (C) 4 ug/mL .



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of GOPC in rat colon tissue with GOPC polyclonal antibody (Cat # PAB13172) at 1 ug/mL .

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of GOPC.
<b>Immunogen</b>	A synthetic peptide corresponding to internal region 17 amino acids of human GOPC.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Form</b>	Liquid
<b>Recommend Usage</b>	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

<b>Storage Buffer</b>	In PBS (0.02% sodium azide)
<b>Storage Instruction</b>	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of GOPC in PC-3 cell lysate with GOPC polyclonal antibody (Cat # PAB13172) at (A) 1, (B) 2 and (C) 4 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of GOPC in rat colon tissue with GOPC polyclonal antibody (Cat # PAB13172) at 1 ug/mL .

## Gene Info — GOPC

<b>Entrez GeneID</b>	<a href="#">57120</a>
<b>Protein Accession#</b>	<a href="#">AAG00572</a>
<b>Gene Name</b>	GOPC
<b>Gene Alias</b>	CAL, FIG, GOPC1, PIST, dJ94G16.2
<b>Gene Description</b>	golgi associated PDZ and coiled-coil motif containing
<b>Omim ID</b>	<a href="#">606845</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	PIST is a PDZ domain-containing Golgi protein. PDZ domains contain approximately 90 amino acids and bind the extreme C terminus of proteins in a sequence-specific manner.[supplied by OMIM]
<b>Other Designations</b>	CFTR-associated ligand Golgi associated PDZ and coiled-coil motif containing protein OTTHUMP00000017088 OTTHUMP00000040403 PDZ/coiled-coil domain binding partner for the rho-family GTPase TC10 dJ94G16.2 PIST fused in glioblastoma

## Publication Reference

- [Autophagy as a cell death and tumor suppressor mechanism.](#)

Gozuacik D, Kimchi A.

Oncogene 2004 Apr; 23(16):2891.

- [Tor-mediated induction of autophagy via an Apg1 protein kinase complex.](#)

Kamada Y, Funakoshi T, Shintani T, Nagano K, Ohsumi M, Ohsumi Y.

Journal of Cellular Biology 2000 Sep; 150(6):1507.

- [Reduced autophagic activity in primary rat hepatocellular carcinoma and ascites hepatoma cells.](#)

Kisen GO, Tessitore L, Costelli P, Gordon PB, Schwarze PE, Baccino FM, Seglen PO.

Carcinogenesis 1993 Dec; 14(12):2501.