

Rabbit PIST Polyclonal Antibody | anti-GOPC antibody

PIST Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287775	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

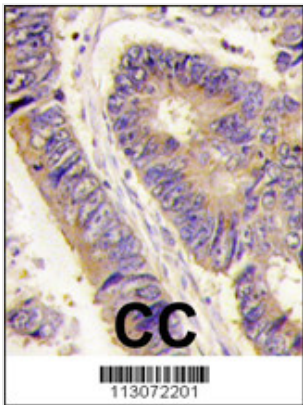
PRODUCT SYNONYMS

PIST; Polyclonal Antibody; PIST Antibody (Center); Golgi-associated PDZ and coiled-coil motif-containing protein; CFTR-associated ligand; Fused in glioblastoma; PDZ protein interacting specifically with TC10; GOPC; CAL; FIG; anti-GOPC antibody

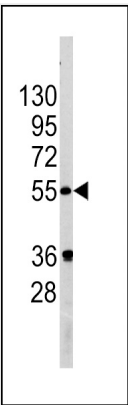
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PIST antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 164-193 amino acids from the Central region of human PIST.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	164-193
Sequence Length	319
Applicable Applications for anti-GOPC antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with PIST antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PIST Antibody (Center) in A375 cell line lysates (35ug/lane). PIST (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GOPC antibody	PDZ domains contain approximately 90 amino acids and bind the extreme C terminus of proteins in a sequence-specific manner. PIST, a PDZ domain-containing Golgi protein, was discovered in a yeast two-hybrid system as a binding partner to Beclin-1, a Bcl-2-interacting protein homologous to the yeast autophagy gene apg6. Experiments with mutant PIST proteins lacking the PDZ domain showed that PIST interaction with Beclin-1 through its coiled-coil domain can modulate Beclin-1 activity and suggest that PIST interactions with other proteins through its PDZ domain may regulate the activity of PIST and Beclin-1.
Product Categories/Family for anti-GOPC antibody	Signal Transduction; Autophagy
References	Li,X., Protein Sci. 15 (9), 2149-2158 (2006) Ito,H., Biochem. J. 397 (3), 389-398 (2006) Wente,W., J. Biol. Chem. 280 (37), 32419-32425 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62868213
NCBI GeneID	57120
NCBI Accession #	NP_001017408.1; NP_065132.1
NCBI GenBank Nucleotide #	NM_001017408.2
UniProt Accession #	Q9HD26; Q59FS4; Q969U8; A6NM30
Molecular Weight	50520
NCBI Official Full Name	Golgi-associated PDZ and coiled-coil motif-containing protein isoform b
NCBI Official Synonym Full Names	golgi-associated PDZ and coiled-coil motif containing
NCBI Official Symbol	GOPC
NCBI Official Synonym Symbols	CAL; FIG; PIST; GOPC1; dJ94G16.2
NCBI Protein Information	Golgi-associated PDZ and coiled-coil motif-containing protein
UniProt Protein Name	Golgi-associated PDZ and coiled-coil motif-containing protein
UniProt Gene Name	GOPC

UniProt Synonym Gene Names	CAL; FIG; PIST
UniProt Entry Name	GOPC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pist-antibody-immunohistochemistry-western-blot-elisa/287775>