

Rabbit anti-Human, Mouse PIST Polyclonal Antibody | anti-PIST antibody

PIST Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307027	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

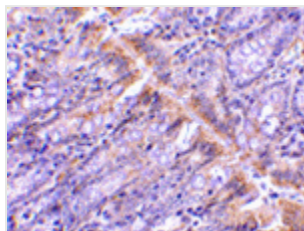
PRODUCT SYNONYMS

PIST; Polyclonal Antibody; PIST Antibody; Golgi associated PDZ and coiled-coil motif containing; GOPC; anti-PIST antibody

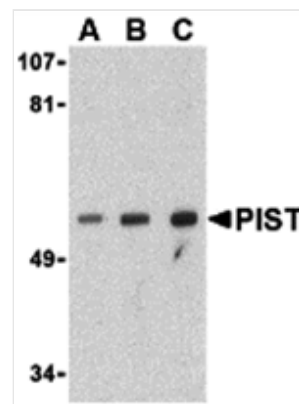
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	462
Applicable Applications for anti-PIST antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide from near the center of human PIST.
Target Name	PIST
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of PIST in rat colon tissue with PIST antibody at 1 ug/mL.



WB (Western Blot)
Western blot analysis of PIST in PC-3 cell lysate with PIST antibody at (A) 1, (B) 2 and (C) 4 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PIST antibody	Autophagy, the process of bulk degradation of cellular proteins through an autophagosomic-lysosomal pathway is important for normal growth control and may be defective in tumor cells. It is involved in the preservation of cellular nutrients under starvation conditions as well as the normal turnover of cytosolic components and is negatively regulated by TOR (Target of rapamycin). PIST, a PDZ-containing 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-PIST antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	9837431
NCBI GeneID	57120
Molecular Weight	35,130 Da
NCBI Official Full Name	PIST
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/307027>