

# PIST Rabbit mAb

Catalog # AP76987

## Product Information

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<b>Application</b>	WB, IHC-P, IF, FC, ICC, IP
<b>Primary Accession</b>	<a href="#">Q9HD26</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human PIST
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	50520

## Additional Information

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<b>Gene ID</b>	57120
<b>Other Names</b>	GOPC
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 FC~~1:10~50 ICC~~N/A IP~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	GOPC ( <a href="#">HGNC:17643</a> )
<b>Function</b>	Plays a role in intracellular protein trafficking and degradation (PubMed: <a href="#">11707463</a> , PubMed: <a href="#">14570915</a> , PubMed: <a href="#">15358775</a> ). May regulate CFTR chloride currents and acid-induced ASIC3 currents by modulating cell surface expression of both channels (By similarity). May also regulate the intracellular trafficking of the ADR1B receptor (PubMed: <a href="#">15358775</a> ). May play a role in autophagy (By similarity). Together with MARCHF2 mediates the ubiquitination and lysosomal degradation of CFTR (PubMed: <a href="#">23818989</a> ). Overexpression results in CFTR intracellular retention and lysosomal degradation in the lysosomes (PubMed: <a href="#">11707463</a> , PubMed: <a href="#">14570915</a> ).
<b>Cellular Location</b>	Cytoplasm. Golgi apparatus membrane; Peripheral membrane protein. Golgi apparatus, trans-Golgi network membrane; Peripheral membrane protein

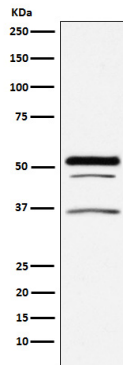
Synapse. Postsynaptic density. Cell projection, dendrite. Note=Enriched in synaptosomal and postsynaptic densities (PSD) fractions. Expressed in cell bodies and dendrites of Purkinje cells. Localized at the trans-Golgi network (TGN) of spermatids and the medulla of round spermatides.

**Tissue Location**

Ubiquitously expressed.

## Images

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