

DATASHEET

PIST Rabbit Monoclonal Antibody(C860)

CAT. NO. AMA00472

KEY FEATURES

Target	PIST	Source / Host	Rabbit
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Plays a role in intracellular protein trafficking and degradation . May regulate CFTR chloride currents and acid-induced ASIC3 currents by modulating cell surface expression of both channels . May also regulate the intracellular trafficking of the ADR1B receptor . May play a role in autophagy . Together with MARCHF2 mediates the ubiquitination and lysosomal degradation of CFTR . Overexpression results in CFTR intracellular retention and lysosomal degradation in the lysosomes .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Recombinant rabbit monoclonal antibody to PIST
Specificity	Recognizes endogenous levels of PIST protein
Antibody Type	Primary antibody, Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human PIST. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 50 kD; Observed: 51 kD
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Alternative Names	CAL; FIG; Golgi-associated PDZ and coiled-coil motif-containing protein; CFTR-associated ligand; Fused in glioblastoma; PDZ protein interacting specifically with TC10; PIST
Gene Symbol	GOPC
Entrez Gene	57120(Human)
SwissProt	Q9HD26(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

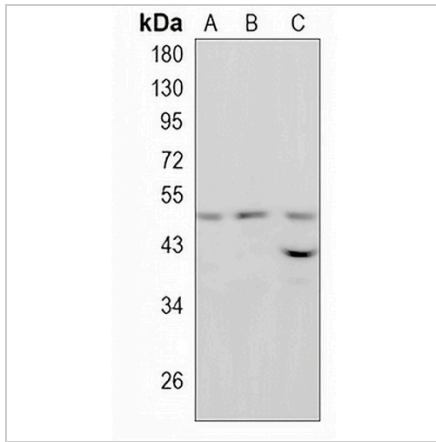
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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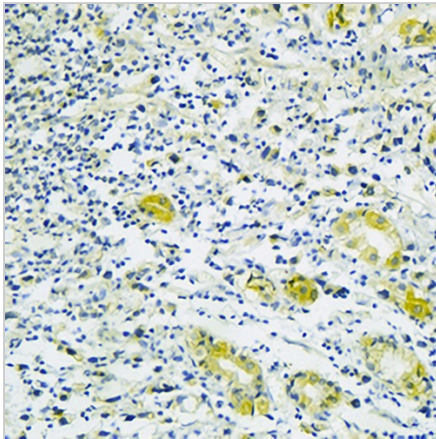
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Western blot analysis of PIST expression in HEK293T (A), EC9706 (B), HCT116 (C) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 51 kD)



Immunohistochemical analysis of PIST staining in human stomach formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.