



Rabbit Anti-Human PACS1 Polyclonal Antibody (DPABH-23629)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 420-560 of human PACS1 (NP_060496.2).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB
Positive Control	293T
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction This gene encodes a protein with a putative role in the localization of trans-Golgi network (TGN)

membrane proteins. Mouse and rat homologs have been identified and studies of the homologous rat protein indicate a role in directing TGN localization of furin by binding to the protease's phosphorylated cytosolic domain. In addition, the human protein plays a role in HIV-1 Nef-mediated downregulation of cell surface MHC-I molecules to the TGN, thereby enabling HIV-1 to escape immune surveillance.

Keywords	PACS1; phosphofurin acidic cluster sorting protein 1; MRD17; PACS-1; cytosolic sorting protein PACS-1;
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GENE INFORMATION

Entrez Gene ID	55690
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UniProt ID	Q6VY07
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