



# PACS1 rabbit pAb

Cat No.:ES9998

For research use only

## Overview

<b>Product Name</b>	PACS1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 400-480
<b>Specificity</b>	PACS1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Phosphofurin acidic cluster sorting protein 1 (PACS-1)
<b>Gene Name</b>	PACS1 KIAA1175
<b>Cellular localization</b>	Golgi apparatus, trans-Golgi network . Localizes in the perinuclear region, probably the TGN. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	105kD
<b>Human Gene ID</b>	55690
<b>Human Swiss-Prot Number</b>	Q6VY07
<b>Alternative Names</b>	
<b>Background</b>	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





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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. [provided by RefSeq, Jul 2008],



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