

11-8005: Polyclonal Antibody to PACS-1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	PACS1
Gene ID :	55690
Uniprot ID :	Q6VY07
Format :	Purified
Alternative Name :	PACS1,KIAA1175
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant PACS-1 protein (amino acids 150-400) was used as the immunogen for this antibody.

Description

PACS1 or phosphofurin acidic cluster sorting protein 1 belongs to the PACS family of proteins and is involved in protein trafficking. PACS1 contains an acidic cluster sorting motifs and plays an important role in the localization of trans-Golgi network (TGN) membrane proteins. It has also been implicated in secretory granule biogenesis. In order to enable HIV-1 to escape immune surveillance, PACS-1 is also reported to be involved in HIV-1 Nef-mediated removal of MHC-I from the cell surface to the trans-golgi network. Diseases caused by mutation in this gene include mental retardation (MRD17) and AIDS. PACS1 has expression in adipose tissue, liver, spleen, bone, blood, brain. It has 2 isoforms produced by alternative splicing.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-3 µg/ml

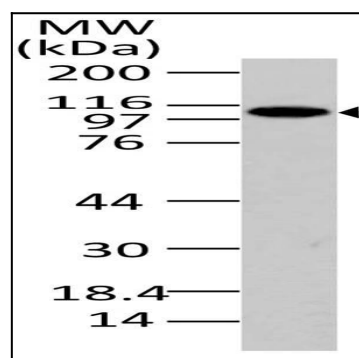


Fig-1: Western blot analysis of PACS-1. Anti- PACS-1 antibody (11-8005) was used at 1 µg/ml on Raji lysate.