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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 familyof 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 : $25 \mu g / 100 \mu g$

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

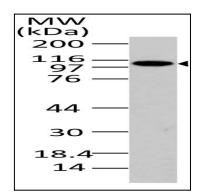


Fig-1: Western blot analysis of PACS-1. Anti- PACS-1 antibody (11-8005) was used at $1 \mu g/ml$ on Raji lysate.