

PACS1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15159**Specification**

PACS1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q6VY07
Other Accession	NM_018026 , AAH09936
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa kDa

PACS1 antibody - C-terminal region - Additional Information**Gene ID** 55690**Other Names**

Phosphofurin acidic cluster sorting protein 1, PACS-1, PACS1, KIAA1175

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-PACS1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

PACS1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PACS1 antibody - C-terminal region - Protein Information**Name** PACS1**Synonyms** KIAA1175**Function**

Coat protein that is involved in the localization of trans- Golgi network (TGN) membrane proteins that contain acidic cluster sorting motifs. Controls the endosome-to-Golgi trafficking of furin and mannose-6-phosphate receptor by connecting the acidic-cluster- containing cytoplasmic domain of these molecules with the adapter- protein complex-1 (AP-1) of endosomal clathrin-coated membrane pits. Involved in HIV-1 nef-mediated removal of MHC-I from the cell surface to the TGN. Required for normal ER Ca²⁺ handling in lymphocytes. Together with WDR37, it plays an essential

role in lymphocyte development, quiescence and survival. Required for stabilizing peripheral lymphocyte populations (By similarity).

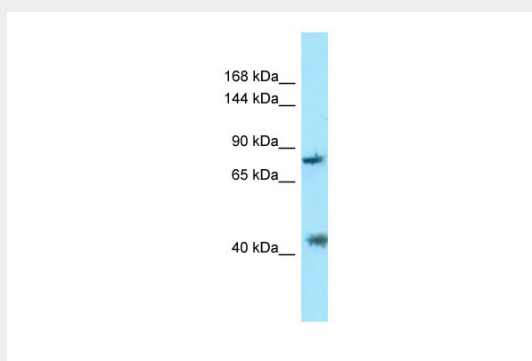
Cellular Location

Golgi apparatus, trans-Golgi network {ECO:0000250|UniProtKB:O88588}. Note=Localizes in the perinuclear region, probably the TGN.

PACS1 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PACS1 antibody - C-terminal region - Images

WB Suggested Anti-PACS1 Antibody Titration: 1.0 µg/ml
Positive Control: Placenta

PACS1 antibody - C-terminal region - References

Wan L.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hirosawa M.,et al.DNA Res. 6:329-336(1999).
Crump C.M.,et al.EMBO J. 20:2191-2201(2001).
Piguet V.,et al.Nat. Cell Biol. 2:163-167(2000).