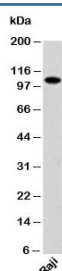


PACS-1 Antibody (N1094)

Catalog No.	Formulation	Size
N1094-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
N1094-25UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	25 ug

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Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	55690
Applications	Western Blot : 1-3ug/ml
Limitations	This PACS-1 antibody is available for research use only.



Western blot testing of human samples with PACS-1 antibody at 1ug/ml.

Description

PACS proteins are involved in the localization of trans-Golgi network (TGN) membrane proteins that contain acidic cluster sorting motifs. PACS-1, or Phosphofurin acidic cluster sorting protein 1, is involved in protein sorting and ion channel trafficking. It directs the trans-Golgi network (TGN) localization of furin and M6PR (Mannose 6-phosphate receptor). PACS-1 also mediates the binding of VAMP4, a TGN-to-endosome transport protein, to AP-1.

Application Notes

Provided assay concentrations are suggestions only, antibody titration may be required for optimal results.

Immunogen

A recombinant protein fragment from the internal portion of human PACS-1 was used as the immunogen for this antibody.

Storage

Aliquot the PACS-1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

Phosphofurin acidic cluster sorting protein 1 antibody