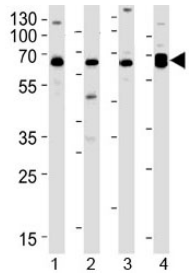
PACSIN2 Antibody (F53991)

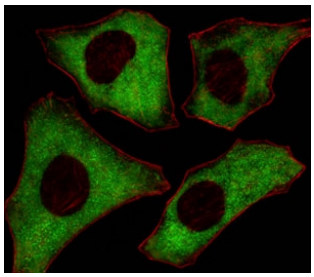
Catalog No.	Formulation	Size
F53991-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53991-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

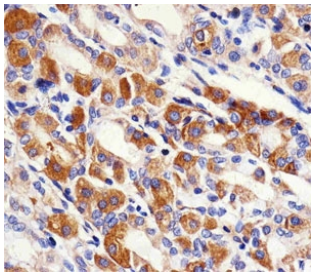
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Protein G affinity chromatography
UniProt	Q9UNF0
Localization	Cytoplasmic
Applications	Western blot: 1:500-1:1000 IHC (FFPE): 1:50-100 Immunofluorescence: 1:100
Limitations	This PACSIN2 antibody is available for research use only.



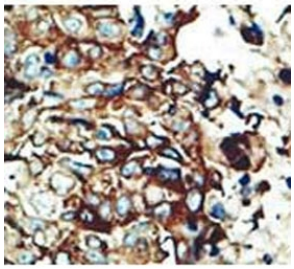
Western blot testing of 1) human Daudi, 2) human HL-60, 3) mouse brain and 4) mouse heart lysate with PACSIN2 antibody at 1:1000. Predicted molecular weight: 56 kDa.



Immunofluorescence testing of HeLa cells with PACSIN2 antibody (green) and Actin Ab (red) at 1:100.



IHC testing of FFPE human stomach with PACSIN2 antibody at 1:100. HIER: steamed with pH6 citrate buffer.



IHC testing of FFPE human breast cancer with PACSIN2 antibody at 1:50. HIER: steamed with pH6 citrate buffer.

Description

Protein kinase C and casein kinase substrate in neurons protein 2 is a lipid-binding protein that is able to promote the tubulation of the phosphatidic acid-containing membranes it preferentially binds. Plays a role in intracellular vesicle-mediated transport. Involved in the endocytosis of cell-surface receptors like the EGF receptor, contributing to its internalization in the absence of EGF stimulus. May also play a role in the formation of caveolae at the cell membrane. Recruits DNM2 to caveolae, and thereby plays a role in caveola-mediated endocytosis.

Application Notes

Titration of the PACSIN2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 342-371 from the human protein was used as the immunogen for the PACSIN2 antibody.

Storage

Aliquot the PACSIN2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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