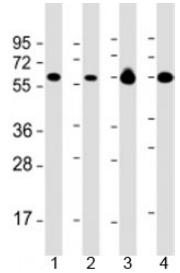
# PACSIN2 Antibody [clone 1735CT116.76.60] (F53980)

| Catalog No. | Formulation | Size |
|---|---|---|
| F53980-0.2ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.2 ml |
| F53980-0.05ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.05 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | 1735CT116.76.60 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | Q9UNF0 |
| **Localization** | Cytoplasmic |
| **Applications** | Western blot: 1:1000-1:2000 |
| **Limitations** | This PACSIN2 antibody is available for research use only. |




Western blot testing of 1) Daudi, 2) HL-60 cell lysate, 3) human brain and 4) mouse brain lysate with PACSIN2 antibody at 1:2000. Predicted molecular weight: 56 kDa.

## 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 partial recombinant protein corresponding to amino acids 250-486 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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