

For Research Use Only

PACSIN2 Recombinant antibody

Catalog Number: 84763-4-RR



Basic Information

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| Catalog Number: 84763-4-RR | GenBank Accession Number: BC008037 | Purification Method: Protein A purification |
| Size: 1000 ug/ml | GeneID (NCBI): 11252 | CloneNo.: 242193H3 |
| Source: Rabbit | UNIPROT ID: Q9UNF0 | Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:125-1:500 |
| Isotype: IgG | Full Name: protein kinase C and casein kinase substrate in neurons 2 | |
| Immunogen Catalog Number: AG0809 | Calculated MW: 56 kDa | |
| | Observed MW: 60 kDa | |

Applications

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| Tested Applications: WB, IF/ICC, ELISA | Positive Controls: |
| Species Specificity: human, mouse | WB : A431 cells, HepG2 cells, NIH/3T3 cells IF/ICC : HepG2 cells, NIH/3T3 cells |

Background Information

Peripheral membrane proteins of the Bin/amphiphysin/Rvs (BAR) and Fer-CIP4 homology-BAR (F-BAR) family participate in cellular membrane trafficking (PMID: 19549836). PACSIN2 (also known as syndapin-2) is a member of the protein kinase C and casein kinase substrate in neurons (PACSIN) family, which are membrane-binding proteins characterized by an amino-terminal F-BAR domain. PACSIN2 plays a role in intracellular vesicle-mediated transport. It is involved in the endocytosis of cell-surface receptors like the EGF receptor, contributing to its internalization (PMID: 23129763). PACSIN2 also has a role in caveolae membrane sculpting (PMID: 21610094).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

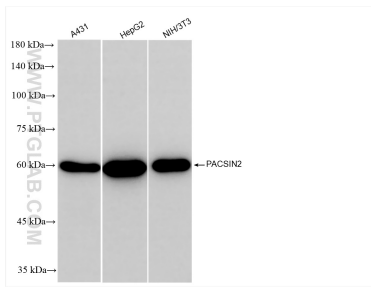
T: 4006900926

E: Proteintech-CN@ptglab.com

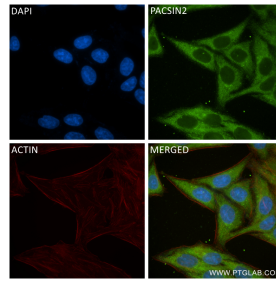
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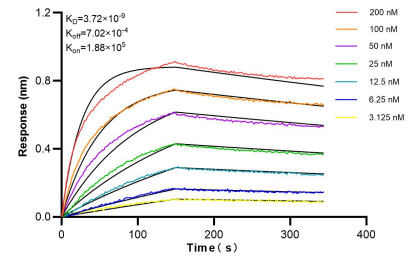
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84763-4-RR (PACSIN2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using PACSIN2 antibody (84763-4-RR, Clone: 242193H3) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Bi-layer interferometry (BLI) kinetic assays of 84763-4-RR against Human PACSIN2 were performed. The affinity constant is 3.72 nM.