

Rabbit PACSIN2 Polyclonal Antibody | anti-PACSIN2 antibody

PACSIN2 Antibody

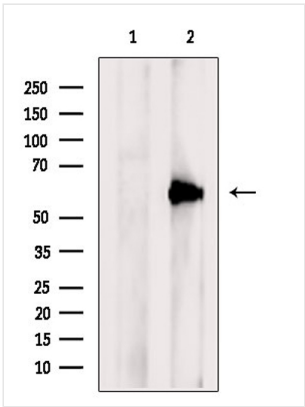
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328696	Rabbit	Human, MousePredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken	Western Blot

PRODUCT SYNONYMS

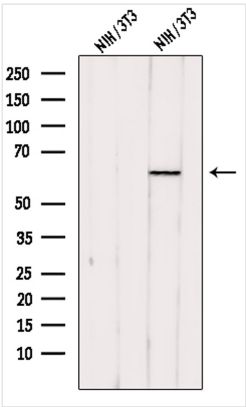
PACSIN2; Polyclonal Antibody; PACSIN2 Antibody; cytoplasmic phosphoprotein PACSIN2; OTTHUMP00000198281; OTTHUMP00000198282; OTTHUMP00000198283; OTTHUMP00000198284; PACN2_HUMAN; Pacsin2; protein kinase C and casein kinase substrate in neurons 2; Protein kinase C and casein kinase substrate in neurons protein 2; SDP11; Syndapin II; anti-PACSIN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	PACSIN2 Antibody detects endogenous levels of PACSIN2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	486
Applicable Applications for anti-PACSIN2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human PACSIN2.
Tissue Specificity	Widely expressed.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Endosome; Cytoskeleton; Plasma Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from Mouse lung, using PACSIN2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from NIH/3T3 cells, using PACSIN2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PACSIN2 antibody	Description: 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. Post Translational Modifications: Phosphorylated by casein kinase 2 (CK2) and protein kinase C (PKC). Subunit Structure: Homodimer. May form heterooligomers with other PACSINs. Interacts (via NPF motifs) with EHD1 (via EH domain). Interacts with EHD3. Interacts (via the SH3 domain) with MICALL1. Interacts with RAC1. Interacts (via SH3 domain) with DNM1, SYN1, SYNJ1 and WASL. Interacts with CAV1. Interacts with TRPV4. Similarity: The F-BAR domain forms a coiled coil and mediates membrane-binding and membrane tubulation. In the autoinhibited conformation, interaction with the SH3 domain inhibits membrane tubulation mediated by the F-BAR domain. Belongs to the PACSIN family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296841091
NCBI GeneID	11252
NCBI Accession #	NP_001171899.1
NCBI GenBank Nucleotide #	NP_001171899.1
UniProt Accession #	Q9UNF0
Molecular Weight	Observed: 60 kDa Predicted: 56 kDa
NCBI Official Full Name	protein kinase C and casein kinase substrate in neurons protein 2 isoform A
NCBI Official Synonym Full Names	protein kinase C and casein kinase substrate in neurons 2
NCBI Official Symbol	PACSIN2
NCBI Official Synonym Symbols	SDPII
NCBI Protein Information	protein kinase C and casein kinase substrate in neurons protein 2
UniProt Protein Name	Protein kinase C and casein kinase substrate in neurons protein 2

UniProt Gene Name	PAC SIN2
UniProt Entry Name	PACN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pacsin2-antibody-western-blot-elisa/328696>