PACSIN2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PACSIN2, Polyclonal Antibody
Full Product Name	PACSIN2 Conjugated Antibody
Product Gene Name	anti-PACSIN2 antibody
Product Synonym Names	SDPII
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total PACSIN2 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	51,353 Da
OMIM	604960
3D Structure	ModBase 3D Structure for Q9UNF0
Immunogen	Fusion protein corresponding to residues near the C terminal of human protein kinase C and casein kinase substrate in neurons 2
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-PACSIN2 antibody	Most Applications
Application Notes for anti-PACSIN2 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-PACSIN2 antibody	This gene is a member of the protein kinase C and casein kinase substrate in neurons family. The encoded protein is involved in linking the actin cytoskeleton with vesicle formation by regulating tubulin polymerization. Alternative splicing results in multiple transcript variants.
Other Notes	Small volumes of anti-PACSIN2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PACSIN2 purchase	MBS9446668 is an antibody targeting PACSIN2. Also known as PACSIN2 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PACSIN2. It may not necessarily be applicable to this product.

NCBI GI #	33870534
NCBI GeneID	11252
NCBI Accession #	BC008037
UniProt Primary Accession #	Q9UNF0
UniProt Secondary Accession #	O95921; Q96HV9; Q9H0D3; Q9NPN1; Q9Y4V2
UniProt Related Accession #	Q9UNF0
NCBI Official Full Name	Homo sapiens protein kinase C and casein kinase substrate in neurons 2, mRNA
NCBI Official Synonym Full Names	protein kinase C and casein kinase substrate in neurons 2
NCBI Official Symbol	PACSIN2
NCBI Official Synonym Symbols	SDPII
UniProt Protein Name	Protein kinase C and casein kinase substrate in neurons protein 2
UniProt Synonym Protein Names	Syndapin 2; Syndapin-II
Protein Family	Protein kinase C and casein kinase substrate in neurons 2 protein
UniProt Gene Name	PACSIN2
UniProt Entry Name	PACN2_HUMAN
NCBI Protein Information	protein kinase C and casein kinase substrate in neurons protein 2
Research Articles on PACSIN2	**1.** PACSIN2 phosphorylation decreases its membrane-binding activity, thereby decreasing its stabilizing effect on caveolae and triggering dynamin-mediated removal of caveolae.
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