PACSIN3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PACSIN3, Polyclonal Antibody
Full Product Name	PACSIN3 Polyclonal Conjugated Antibody
Product Gene Name	anti-PACSIN3 antibody
Product Synonym Names	PACSIN3 Conjugated Antibody; PACSIN3; SDPIII; protein kinase C and casein kinase substrate in neurons 3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Purity/Purification	Affinity purification
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	48,487 Da
OMIM	606513
3D Structure	ModBase 3D Structure for Q9UKS6
Immunogen	Recombinant fusion protein of human PACSIN3 (NP_057307.2).
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-PACSIN3 antibody	Most Applications
Application Notes for anti-PACSIN3 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-PACSIN3 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. Alternative splicing results in multiple transcript variants.
Other Notes	Small volumes of anti-PACSIN3 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 PACSIN3 purchase	MBS9442793 is an antibody targeting PACSIN3. Also known as PACSIN3 Polyclonal Conjugated Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PACSIN3. It may not necessarily be applicable to this product.

NCBI GI #	19224660
NCBI GeneID	29763
NCBI Accession #	NP_057307.2
UniProt Primary Accession #	Q9UKS6
UniProt Secondary Accession #	Q9H331; Q9NWV9; A6NH84
UniProt Related Accession #	Q9UKS6
GenBank Nucleotide #	NM_016223.4
NCBI Official Full Name	protein kinase C and casein kinase substrate in neurons protein 3
NCBI Official Synonym Full Names	protein kinase C and casein kinase substrate in neurons 3
NCBI Official Symbol	PACSIN3
NCBI Official Synonym Symbols	SDPIII
UniProt Protein Name	Protein kinase C and casein kinase substrate in neurons protein 3
UniProt Synonym Protein Names	SH3 domain-containing protein 6511
Protein Family	Protein kinase C and casein kinase II substrate protein
UniProt Gene Name	PACSIN3
UniProt Entry Name	PACN3_HUMAN
NCBI Protein Information	protein kinase C and casein kinase substrate in neurons protein 3
Research Articles on PACSIN3	**1.** Show that in neuroendocrine chromaffin cells fusion pore expansion and catecholamine release are limited specifically by mutation of syndapin 3.
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