Rabbit anti-Human, mouse PACSIN3 Polyclonal Antibody | anti-PACSIN3 antibody

PACSIN3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287404	**Rabbit**	**Human, mouse**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

PACSIN3; Polyclonal Antibody; PACSIN3 Antibody (N-term); Protein kinase C and casein kinase substrate in neurons protein 3; SH3 domain-containing protein 6511; anti-PACSIN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PACSIN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PACSIN3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	424
Applicable Applications for anti-PACSIN3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
Western blot analysis of PACSIN3 (arrow) using rabbit polyclonal PACSIN3 Antibody (M1). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PACSIN3 gene.

WB (Western Blot)
PACSIN3 Antibody (M1) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the PACSIN3 antibody detected the PACSIN3 protein (arrow).

IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

WB (Western Blot)
The anti-PACSIN3 Pab is used in Western blot to detect PACSIN3 in mouse brain tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PACSIN3 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7, 11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK) cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface receptors and activate yeast MAPK pathway.
Product Categories/Family for anti-PACSIN3 antibody	Signal Transduction
References	Howard, L., et al., J. Biol. Chem. 274(44):31693-31699 (1999). Modregger, J., et al., J. Cell. Sci. 113 Pt 24, 4511-4521 (2000). Sumoy, L., et al., Gene 262 (1-2), 199-205 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	296923797
NCBI GeneID	29763
NCBI Accession #	NP_001171903.1; NP_001171904.1; NP_057307.2
NCBI GenBank Nucleotide #	NM_001184974.1
UniProt Accession #	Q9UKS6; Q9H331; Q9NWV9; A6NH84
Molecular Weight	48487
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
NCBI Protein Information	protein kinase C and casein kinase substrate in neurons protein 3
UniProt Protein Name	Protein kinase C and casein kinase substrate in neurons protein 3
UniProt Gene Name	**PACSIN3**
UniProt Entry Name	PACN3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/pacsin3-antibody-immunohistochemistry-western-blot-elisa/287404