

Rabbit anti-Human, mouse PACSIN2 Polyclonal Antibody | anti-PACSIN2 antibody

PACSIN2 Antibody (C-term)

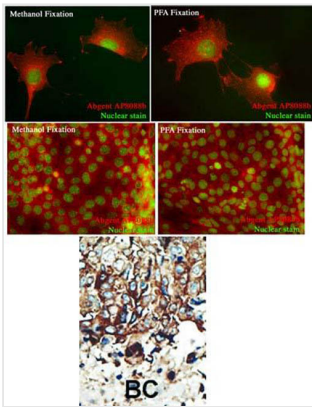
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28758	Rabbit	Human, mouse	ELISA, Immunohistochemistry, Western Blot, Immunofluorescence

PRODUCT SYNONYMS

PACSIN2; Polyclonal Antibody; PACSIN2 Antibody (C-term); Protein kinase C and casein kinase substrate in neurons protein 2; Syndapin-2; Syndapin-II; anti-PACSIN2 antibody

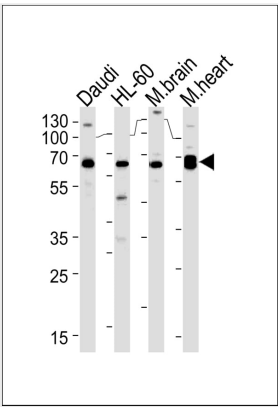
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PACSIN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 342-371 amino acids from the C-terminal region of human PACSIN2.
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: 0.4 (varies by lot)
Sequence Positions	342-371
Sequence Length	486
Applicable Applications for anti-PACSIN2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence)
Application Notes	IHC~~1:50~100 IF~~1:100 WB~~1:1000
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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.



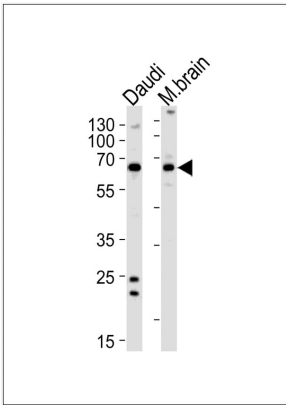
IHC (Immunohistochemistry)

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



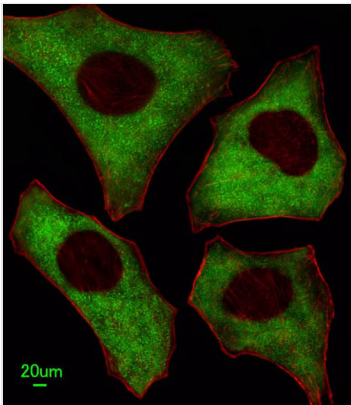
WB (Western Blot)

PACSIN2 Antibody (S357) western blot analysis in Daudi,HL-60 cell line and mouse brain,rat heart lysates (35ug/lane).This demonstrates the PACSIN2 antibody detected the PACSIN2 protein (arrow).



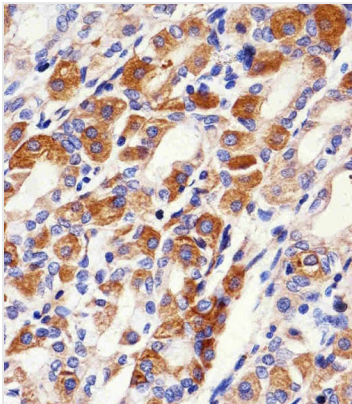
WB (Western Blot)

PACSIN2 Antibody (S357) western blot analysis in Daudi cell line and mouse brain lysates (35ug/lane).This demonstrates the PACSIN2 antibody detected the PACSIN2 protein (arrow).



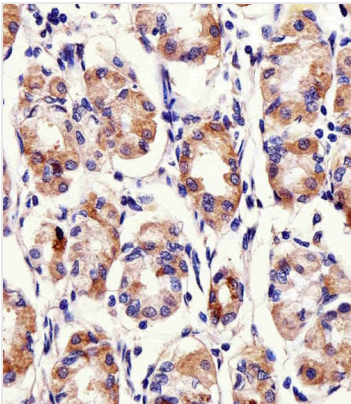
IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells, using PACSIN2 Antibody (C-term). AAA28758 was diluted at 1:100 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green).Cytoplasmic actin was counterstained with Dylight Fluor 554 (red) conjugated Phalloidin (red).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H.stomach section using PACSIN2 Antibody (C-term). AAA28758 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. stomach section using PACSIN2 Antibody (C-term). AAA28758 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-PACSIN2 antibody	PACSIN may play a role in vesicle formation and transport. This protein homo- and hetero-aggregates with other PACSINs. It also binds dynamin 1, synaptojanin, synapsin 1 and the neural Wiskott-Aldrich syndrome protein (N-WASP). The protein exhibits a cvesicle-like cytoplasmic distribution and is ubiquitously expressed. PACSIN is phosphorylated by casein kinase 2 (CK2) and protein kinase C (PKC). The protein contains 1 FCH domain and 1 SH3 domain.
Product Categories/Family for anti-PACSIN2 antibody	Crown Antibodies; Signal Transduction
References	Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Wiemann, S., et al., Genome Res. 11(3):422-435 (2001). Ritter, B., et al., FEBS Lett. 454(3):356-362 (1999). Dunham, I., et al., Nature 402(6761):489-495 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	296841091
NCBI GeneID	11252
NCBI Accession #	NP_001171899.1; NP_001171900.1; NP_009160.2
NCBI GenBank Nucleotide #	NM_001184970.1
UniProt Accession #	Q9UNF0; O95921; Q96HV9; Q9H0D3; Q9NPN1; Q9Y4V2
Molecular Weight	55739
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	PACSIN2
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-immunohistochemistry-western-blot-immunofluorescence-elisa/28758>