

# PACSIN2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5026

## Product Information

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<b>Application</b>	WB, IF, IHC-P
<b>Primary Accession</b>	<a href="#">Q9UNF0</a>
<b>Reactivity</b>	Human, Rat
<b>Predicted</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	56 KDa
<b>Isotype</b>	Rabbit IgG
<b>Antigen Source</b>	HUMAN

## Additional Information

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<b>Antigen Region</b>	342-371
<b>Other Names</b>	PACSIN2; Protein kinase C and casein kinase substrate in neurons protein 2
<b>Dilution</b>	WB~1:1000 IF~1:100 IHC-P~1:100~500
<b>Target/Specificity</b>	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.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	PACSIN2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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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 vesicle-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.

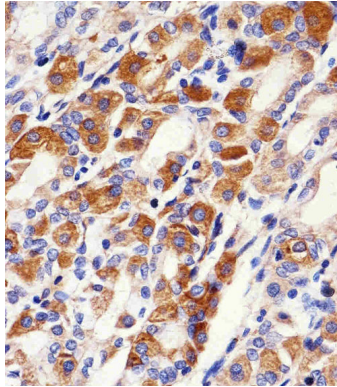
## References

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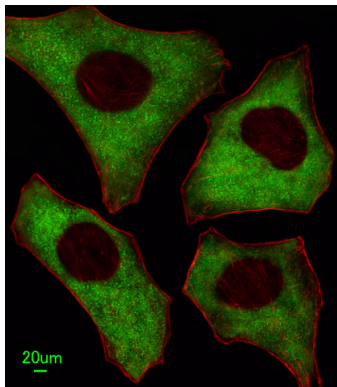
Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Wiemann, S., et al., Genome Res. 11(3):422-435 (2001). Ritter, B., et al., FEBS Lett. 454(3):356-362 (1999). Dunham, I., et al., Nature 402(6761):489-495 (1999).

## Images

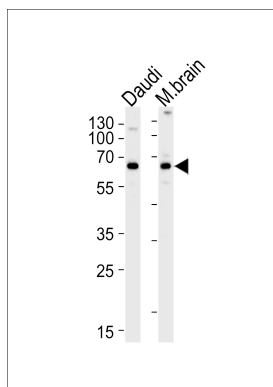
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Immunohistochemical analysis of paraffin-embedded H.stomach section using PACSIN2 Antibody (C-term)(Cat#AW5026). AW5026 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunofluorescent analysis of Hela cells, using PACSIN2 Antibody (C-term) (Cat. #AW5026). AW5026 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).



PACSIN2 Antibody (S357) (Cat. #AW5026) western blot analysis in Daudi cell line and mouse brain lysates (35ug/lane).This demonstrates the PACSIN2 antibody detected the PACSIN2 protein (arrow).

## Citations

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- [Application of a proteins translocated into host cells.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.