

Product datasheet

Anti-PACSIN1 antibody ab89604

2 Images

Overview

Product name	Anti-PACSIN1 antibody
Description	Mouse polyclonal to PACSIN1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Rat, Human
Immunogen	Full length protein corresponding to amino acids 1-444 of Human PACSIN1 (NP_065855.1).
Positive control	Rat brain lysate, PACSIN1 transfected 293T cell lysate
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Storage buffer	pH: 7.4 Constituent: 2.68% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab89604** in the following tested applications.

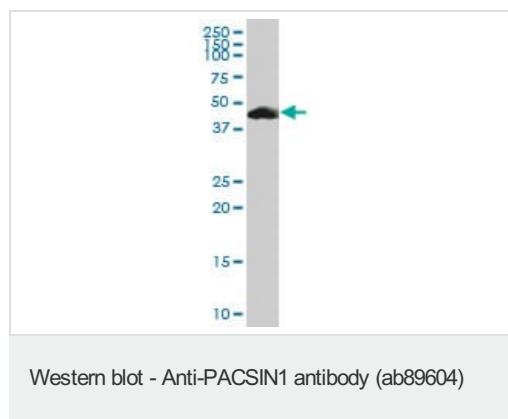
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 51 kDa.

Target

Function	May play a role in vesicle formation and transport.
Tissue specificity	Highly expressed in brain and in a lesser extent in heart, pancreas and liver.
Sequence similarities	Belongs to the PACSIN family. Contains 1 FCH domain. Contains 1 SH3 domain.
Post-translational modifications	Phosphorylated by casein kinase 2 (CK2) and protein kinase C (PKC).
Cellular localization	Cytoplasm. Colocalizes with dynamin I at vesicular structures in the cell body and neurites.

Images



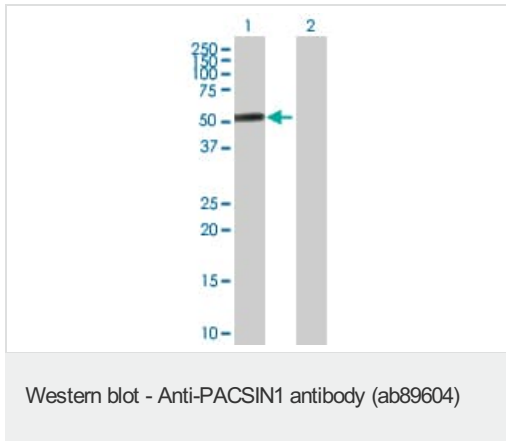
Anti-PACSIN1 antibody (ab89604) at 1 µg/ml + Rat brain lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 51 kDa

Observed band size: 45 kDa

[why is the actual band size different from the predicted?](#)



All lanes : Anti-PACSIN1 antibody (ab89604) at 1 µg/ml

Lane 1 : PACSIN1 transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Developed using the ECL technique.

Predicted band size: 51 kDa

Observed band size: 51 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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