




Product datasheet

Anti-PNMAL1 antibody ab224258

3 Images

Overview

Product name	Anti-PNMAL1 antibody
Description	Rabbit polyclonal to PNMAL1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Orangutan 
Immunogen	Recombinant fragment corresponding to Human PNMAL1 aa 259-389. Sequence: KPKGINSNSTANLEDPEVGDAESMAISEPIKGSRKPCVNK EELALKKPKMA KCAWKGPREPPQDARAEAESPGGASESDQDGGHESPP KKKAVAWVSAKNP APMRKKKKVSLGPVSYVLVDSSEDGRKKPVMP Database link: Q86V59  Run BLAST with  Run BLAST with
Positive control	WB: PNMAL1 over-expression - HEK-293T whole cell lysate; IHC: Human cerebral cortex tissue; ICC: RH-30 cells.
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>

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.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab224258** in the following tested applications.

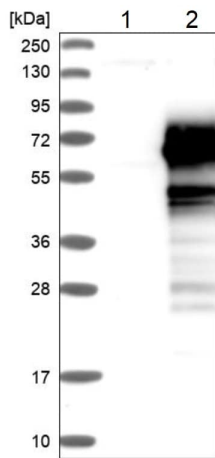
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 48 kDa.
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Relevance	The function of PNMAL1 remains unknown.
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Images



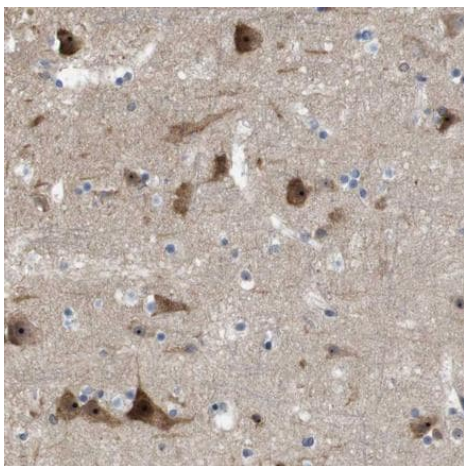
Western blot - Anti-PNMAL1 antibody (ab224258)

All lanes : Anti-PNMAL1 antibody (ab224258) at 0.4 $\mu\text{g/ml}$

Lane 1 : Control (vector only transfected) - HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lane 2 : PNMAL1 over-expression - HEK-293T whole cell lysate, Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa)

Predicted band size: 48 kDa

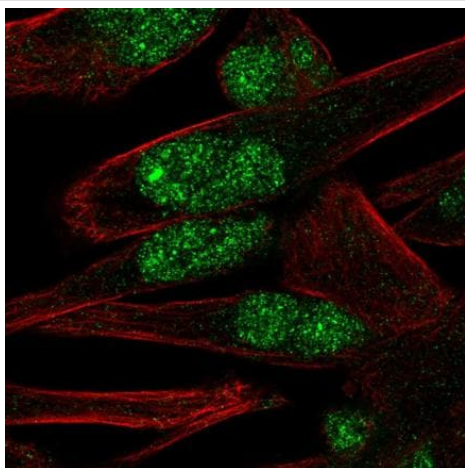


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PNMAL1 antibody (ab224258)

Immunohistochemical analysis of human cerebral cortex tissue labeling PNMAL1 in the cytoplasm and nucleus of neuronal cells with ab224258 at 1/200 dilution.

Performed heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Paraffin-embedded human tissue stained for using ab224258 at 1/200 dilution in immunohistochemical analysis.



Immunofluorescent analysis of RH-30 (human bone marrow metastasis cell line) whole cell labeling PNMAL1 (green) in nucleoplasm and nuclear bodies with ab224258 at 2 μ g/ml.

Immunocytochemistry/ Immunofluorescence - Anti-PNMAL1 antibody (ab224258)

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

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