




Product datasheet

Anti-ABR antibody ab188071

[2 Images](#)

Overview

Product name	Anti-ABR antibody
Description	Rabbit polyclonal to ABR
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow 
Immunogen	Recombinant fragment corresponding to Human ABR aa 350-450. Database link: Q12979  Run BLAST with  Run BLAST with
Positive control	Human cerebral cortex tissue; RT-4 and U-251 MG sp cell lysates.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</p>

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), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab188071 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: 98 kDa.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

GTPase-activating protein for RAC and CDC42. Promotes the exchange of RAC or CDC42-bound GDP by GTP, thereby activating them.

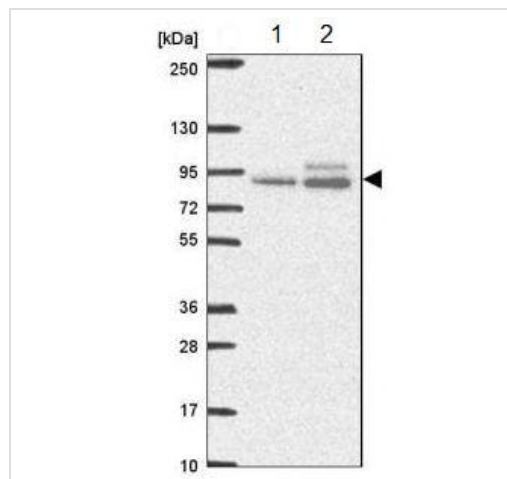
Tissue specificity

Highly enriched in the brain. Much weaker expression in heart, lung and muscle.

Sequence similarities

Contains 1 C2 domain.
Contains 1 DH (DBL-homology) domain.
Contains 1 PH domain.
Contains 1 Rho-GAP domain.

Images



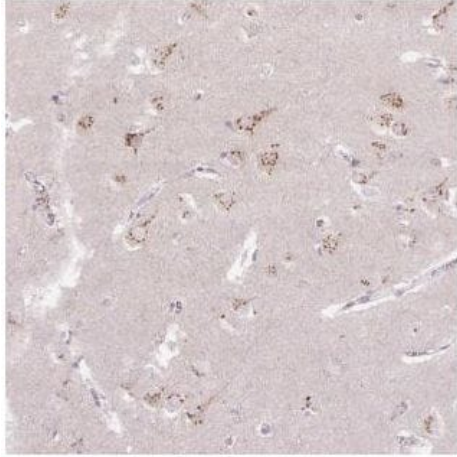
Western blot - Anti-ABR antibody (ab188071)

All lanes : Anti-ABR antibody (ab188071) at 1/100 dilution

Lane 1 : RT-4 cell lysate

Lane 2 : U-251 MG sp cell lysate

Predicted band size: 98 kDa



Immunohistochemical analysis of paraffin-embedded Human cerebral cortex tissue labeling ABR with ab188071 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ABR antibody (ab188071)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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