

Product datasheet

Anti-RIC8B antibody ab170006

★★★★☆ 2 Abreviews 2 Images

Overview

Product name	Anti-RIC8B antibody
Description	Rabbit polyclonal to RIC8B
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	<p>Reacts with: Human</p> <p>Predicted to work with: Mouse, Rat </p>
Immunogen	<p>Recombinant fragment corresponding to Human RIC8B aa 187-296. Sequence:</p> <p>QGLPLLQILESAFSIKWTDEYESAIDHNGPPLSPQETDCAI EALKALFN VTVDSWKVHKESDSHQFRVMAAVLRHCLLIVGPTEDKTE ELHNAVNLLS NVPVSCLDVL</p> <p>Database link: BC132689</p> <p style="text-align: right;"> Run BLAST with Run BLAST with </p>
Positive control	HeLa and Human fetal brain lysates; Human fetal brain tissue.
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</p>

ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Lyophilized: Add 200 µl of sterilized distilled water
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: 98% PBS, 1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab170006** in the following tested applications.

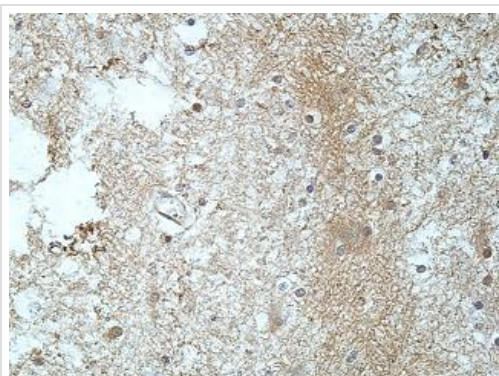
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★☆	1/1000 - 1/2000. Predicted molecular weight: 59 kDa.
IHC-P		1/100 - 1/500.

Target

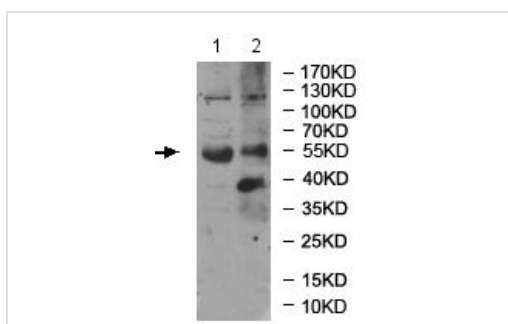
Function	Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins by exchanging bound GDP for free GTP (By similarity). Able to potentiate G(olf)-alpha-dependent cAMP accumulation suggesting that it may be an important component for odorant signal transduction.
Sequence similarities	Belongs to the synembryn family.
Cellular localization	Cytoplasm > cell cortex. Localizes to the cell cortex.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RIC8B antibody (ab170006)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human fetal brain tissue, labeling RIC8B with ab170006 at 1/100 dilution.



Western blot - Anti-RIC8B antibody (ab170006)

All lanes : Anti-RIC8B antibody (ab170006) at 1/1000 dilution

Lane 1 : Human fetal brain lysate

Lane 2 : HeLa cell lysate

Predicted band size: 59 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
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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