

Product datasheet

Anti-Rhoptry neck protein 4 antibody ab193401

Overview

Product name	Anti-Rhoptry neck protein 4 antibody
Description	Rabbit Polyclonal to Rhoptry neck protein 4
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Toxoplasma gondii
Immunogen	Recombinant fragment corresponding to Toxoplasma gondii Rhoptry neck protein 4 aa 2-163. Sequence: AIKNTLTGSGLLVLLTLACGTTVQSSPPTPAPRMYPNMNE RPLSAESRLT PGTYRSELHIDLKSPQKTASQSSLAPTGDNNSKVESIAGS DTTPRSAEG TSESPPVQLGTPPRPAPRRSKGEGERQPPTAAPRTSRS VDTGSGSDAST EQQAGGQKVVTP

Database link: [B6KJ32](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

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.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

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.

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.

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: 7.40 Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS, 0.03% Proclin 300
Purity	Caprylic Acid - Ammonium Sulfate precipitation
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab193401** 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 at an assay dependent concentration. Predicted molecular weight: 107 kDa.
ELISA		Use at an assay dependent concentration.

Target

Relevance	Toxoplasma gondii infections have the ability to change the behavior of rats and mice, making them drawn to, rather than fearful of, the scent of cats. This effect is advantageous to the parasite, which will be able to sexually reproduce if its host is eaten by a cat. The infection is widespread in the brain, with more cysts targeting the parts of the brain corresponding to fear. The widespread nature of the infection causes many previously unnoticed symptoms in the rats.
Cellular localization	Membrane, Secreted

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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors