

Product datasheet

Anti-Ubiquitin thioesterase zranb1-B antibody
ab209837

1 Image

Overview

Product name	Anti-Ubiquitin thioesterase zranb1-B antibody
Description	Rabbit polyclonal to Ubiquitin thioesterase zranb1-B
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Zebrafish
Immunogen	Recombinant fragment within Zebrafish Ubiquitin thioesterase zranb1-B aa 149-324. The exact sequence is proprietary. Database link: A0JMQ9
Positive control	WB: Lysate/extracts of zebrafish embryos (24 hours post fertilization)
General notes	(Please refer to the vial label for the specific concentration)

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: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab209837** in the following tested applications.

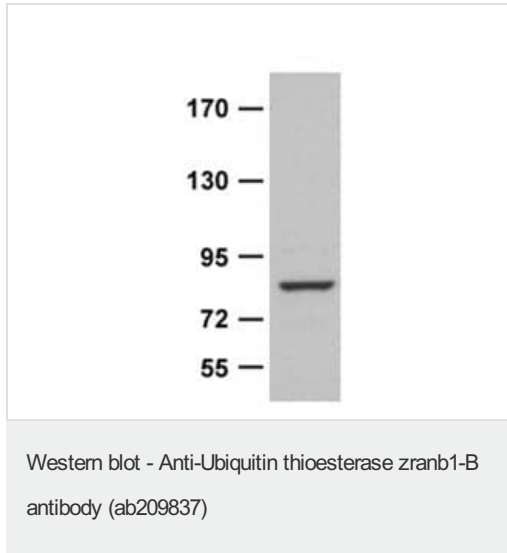
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 81 kDa.

Target

Function	Specifically hydrolyzes 'Lys-29'-linked and 'Lys-33'-linked diubiquitin. Also cleaves 'Lys-63'-linked chains, but with 40-fold less efficiency compared to 'Lys-29'-linked ones. Positive regulator of the Wnt signaling pathway that deubiquitinates APC protein, a negative regulator of Wnt-mediated transcription. May play a role in the regulation of cell morphology and cytoskeletal organization. Required in the stress fiber dynamics and cell migration.
Sequence similarities	Belongs to the peptidase C64 family. Contains 2 ANK repeats. Contains 1 OTU domain. Contains 3 RanBP2-type zinc fingers.
Domain	The OTU domain mediates the deubiquitinating activity. The RanBP2-type zinc fingers mediate the specific interaction with 'Lys-63'-linked ubiquitin.
Cellular localization	Cytoplasm. Nucleus.

Images



Anti-Ubiquitin thioesterase zranb1-B antibody (ab209837) at 1/1000 dilution + Lysate/extract of zebrafish embryos (24 hours post fertilization)

Predicted band size: 81 kDa

7.5 % SDS-PAGE

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