Product datasheet

Anti-ZnT-3 antibody ab214320

Overview

Product name  Anti-ZnT-3 antibody
Description  Rabbit polyclonal to ZnT-3
Host species  Rabbit
Tested applications  Suitable for: IHC-P
Species reactivity  Reacts with: Rat
  Predicted to work with: Mouse, Human
Immunogen  Synthetic peptide within Human ZnT-3 aa 20-75 conjugated to keyhole limpet haemocyanin. The exact sequence is proprietary.
  Database link: Q99726
Positive control  Rat brain tissue.
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 buffer: Preservative: 0.09% Sodium azide
Constituents: 30% Glycerol, 1% BSA

Purity: Protein A purified

Clonality: Polyclonal

Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab214320 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>IHC-P</td>
<td>1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.</td>
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Target

Function: Involved in accumulation of zinc in synaptic vesicles.

Sequence similarities: Belongs to the cation diffusion facilitator (CDF) transporter (TC 2.A.4) family. SLC30A subfamily.

Cellular localization: Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane.

Images

Immunohistochemical analysis of formalin-fixed, paraffin-embedded rat brain tissue labeling with ZnT-3 with ab214320 at 1/200 dilution, followed by conjugation to the secondary antibody and DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZnT-3 antibody (ab214320)

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.

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