

Product datasheet

Anti-Teneurin-4 antibody ab215052

1 Image

Overview

| | |
|----------------------------|---|
| Product name | Anti-Teneurin-4 antibody |
| Description | Sheep polyclonal to Teneurin-4 |
| Host species | Sheep |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Mouse Predicted to work with: Human |
| Immunogen | <p>Recombinant fragment corresponding to Human Teneurin-4 aa 61-340. E. coli-derived Sequence:</p> <p>KDIVPQEAE FCRTGANFTL RELGLEEVTP PHGTLYRTDI GLPHCGYSMG AGSDADMEAD TVLSPEHPVR LWGRSTRSGR SSCLSSRANS NLTLTDEHE NTETDHPGGL QNHARLRTPP PPLSHAHTPN QHHAASINSL NRGNFTPRSN PSPAPTDHSL SGEPPAGGAQ EPAHAQENWL LNSNIPLETR NLGKQPFLGT LQDNLIEMDI LGASRHDGAY SDGHFLFKPG GTSPLFCTTS PGYPLTSSTV YSPPPRPLPR STFARPAFNL KKPSKYCNWK</p> <p>Database link: Q6N022</p> <p style="text-align: right;"> Run BLAST with Run BLAST with</p> |
| Positive control | Lysate of mouse embryonic 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</p> |

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 | Lyophilized:Reconstitute the antibody with 100 uL sterile PBS and the final concentration is 500 ug/mL. Reconstituted antibody can also be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity. |
| 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 | Constituent: PBS |
| Purity | Immunogen affinity purified |
| Purification notes | The IgG fraction of immunized serum was purified by antigen affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab215052** 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. |

Target

| | |
|------------------------------|--|
| Function | Involved in neural development, regulating the establishment of proper connectivity within the nervous system. Plays a role in the establishment of the anterior-posterior axis during gastrulation. Regulates the differentiation and cellular process formation of oligodendrocytes and myelination of small-diameter axons in the central nervous system (CNS). Promotes activation of focal adhesion kinase. May function as a cellular signal transducer. |
| Sequence similarities | Belongs to the tenascin family. Teneurin subfamily. Contains 8 EGF-like domains. Contains 5 NHL repeats. Contains 1 teneurin N-terminal domain. Contains 23 YD repeats. |
| Domain | EGF-like domains 2 and 5 which have an odd number of cysteines might enable the formation of |

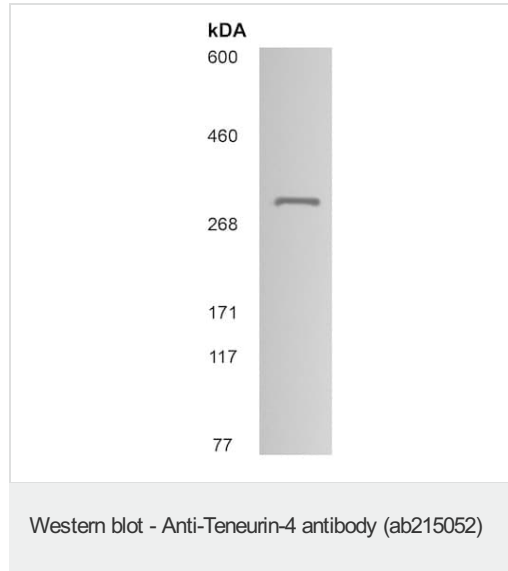
intermolecular disulfide bonds.

Cytoplasmic proline-rich regions could serve as docking domains for intracellular SH3-containing proteins.

Cellular localization

Membrane. Nucleus. Cytoplasm. Cell projection.

Images



Anti-Teneurin-4 antibody (ab215052) at 1/1000 dilution + lysate from mouse embryonic tissue

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