

Product datasheet

Anti-SLITRK4 antibody ab67315

3 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-SLITRK4 antibody |
| Description | Rabbit polyclonal to SLITRK4 |
| Host species | Rabbit |
| Tested applications | Suitable for: ICC/IF, WB, IHC-P |
| Species reactivity | Reacts with: Mouse, Rat, Human |
| Immunogen | A 13 amino acid peptide from near the C-terminus of Human SLITRK4. |
| Positive control | Brain tissue lysate |
| 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 ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p> |

Properties

| | |
|-----------------------------|--------------------------------|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C. |

| | |
|-----------------------|---|
| Storage buffer | pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab67315** in the following tested applications.

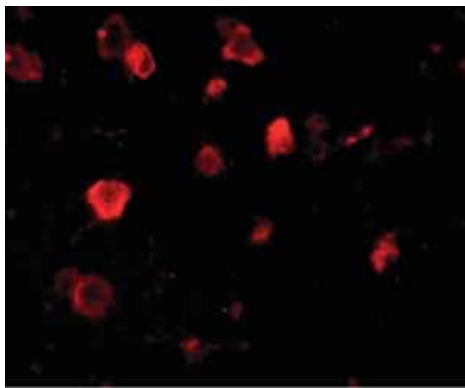
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| ICC/IF | | Use a concentration of 20 µg/ml. |
| WB | | Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 94 kDa (predicted molecular weight: 94 kDa). |
| IHC-P | | Use at an assay dependent concentration. |

Target

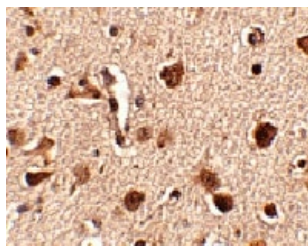
| | |
|------------------------------|--|
| Function | Suppresses neurite outgrowth. |
| Tissue specificity | Expressed in the cerebral cortex of the brain and at higher levels in some astrocytic brain tumors such as astrocytomas, glioblastomas and primitive neuroectodermal tumors. |
| Sequence similarities | Belongs to the SLITRK family. Contains 12 LRR (leucine-rich) repeats. Contains 2 LRRCT domains. Contains 1 LRRNT domain. |
| Cellular localization | Membrane. |

Images



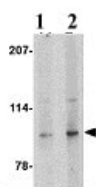
Immunocytochemistry/ Immunofluorescence - Anti-SLITRK4 antibody (ab67315)

Immunofluorescence of SLITRK4 in Human brain tissue ab67315 at 20 ug/mL.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SLITRK4 antibody (ab67315)

Immunohistochemistry of Human brain tissue using ab67315 at 2.5 µg/ml.



Western blot - Anti-SLITRK4 antibody (ab67315)

Lane 1 : Anti-SLITRK4 antibody (ab67315) at 0.5 µg/ml

Lane 2 : Anti-SLITRK4 antibody (ab67315) at 1 µg/ml

All lanes : mouse brain tissue lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 94 kDa

Observed band size: 94 kDa

Additional bands at: 120 kDa. We are unsure as to the identity of these extra bands.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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