



Product datasheet

Anti-Slit1 antibody ab10984

[1 Abreviews](#) [1 Image](#)

Overview

Product name	Anti-Slit1 antibody
Description	Rabbit polyclonal to Slit1
Host species	Rabbit
Specificity	The smaller strong bands observed in the WB shown are likely to be cleavage products. A number of cleavage products for both Slit1 and Slit2 are reported in the literature resulting from alternate splicing and range from ~40kDa -160kDa, (Little et al, 2002).
Tested applications	Suitable for: WB Unsuitable for: IHC-P
Species reactivity	Reacts with: Mouse, Rat
Immunogen	Synthetic peptide: CSAKEQYFIPGTEDYHLN conjugated to KLH, corresponding to amino acids 487-504 of Mouse Slit1.  Run BLAST with  Run BLAST with
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.88% Sodium chloride
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab10984 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. Detects a band of approximately 168 kDa (predicted molecular weight: 168 kDa).

Application notes

Is unsuitable for IHC-P.

Target

Function

Thought to act as molecular guidance cue in cellular migration, and function appears to be mediated by interaction with roundabout homolog receptors. During neural development involved in axonal navigation at the ventral midline of the neural tube and projection of axons to different regions (By similarity). SLIT1 and SLIT2 together seem to be essential for midline guidance in the forebrain by acting as repulsive signal preventing inappropriate midline crossing by axons projecting from the olfactory bulb.

Tissue specificity

Predominantly expressed in adult forebrain. Expressed in fetal brain, lung and kidney.

Sequence similarities

Contains 1 CTCK (C-terminal cystine knot-like) domain.

Contains 9 EGF-like domains.

Contains 1 laminin G-like domain.

Contains 20 LRR (leucine-rich) repeats.

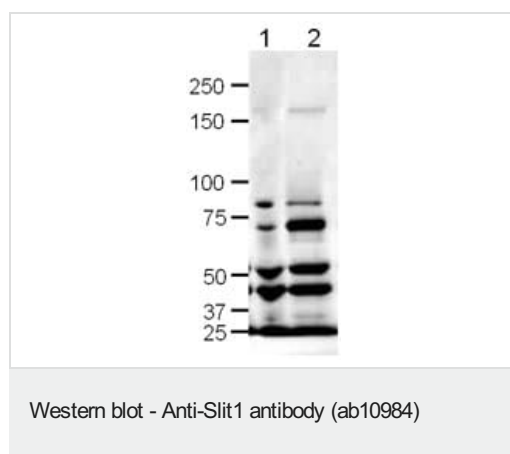
Contains 4 LRRCT domains.

Contains 4 LRRNT domains.

Cellular localization

Secreted.

Images



ab10984-Rabbit polyclonal to Slit1 (1/500)

Secondary ab: Goat anti-rabbit IgG **ab6721** (1/5000); 20µg of cell lysate per lane. Expected molecular weight: 168 kDa; Exposure time: 5 min

Lane 1: Rat Brain tissue lysate

Lane 2: Mouse Brain tissue Lysate

Note: The smaller strong bands observed in this WB are likely to be cleavage products. A number of cleavage products for both Slit1 and Slit2 are reported in the literature resulting from alternate splicing and range from ~40kDa -160kDa, (Little et al, 2002).

ab10984-Rabbit polyclonal to Slit1 (1/500) Secondary ab: Goat

anti-rabbit HRP ab6721 (1/5000); 20µg of cell lysate per lane.
Expected molecular weight: 168 kDa; Exposure time: 5 min Lane 1:
Rat Brain tissue lysate Lane 2: Mouse Brain tissue Lysate Note:
The smaller strong bands observed in this WB are likely to be
cleavage products. A number of

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

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