

Anti-Slit1 antibody [EP5796(N)] αb183704

RabMAb

2 Images

Overview

Product name	Anti-Slit1 antibody [EP5796(N)]
Description	Rabbit monoclonal [EP5796(N)] to Slit1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal brain and forebrain lysates; SH-SY5Y cell lysate.
General notes	<p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EP5796(N)
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab183704 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. Detects a band of approximately 200 kDa (predicted molecular weight: 168 kDa).

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.

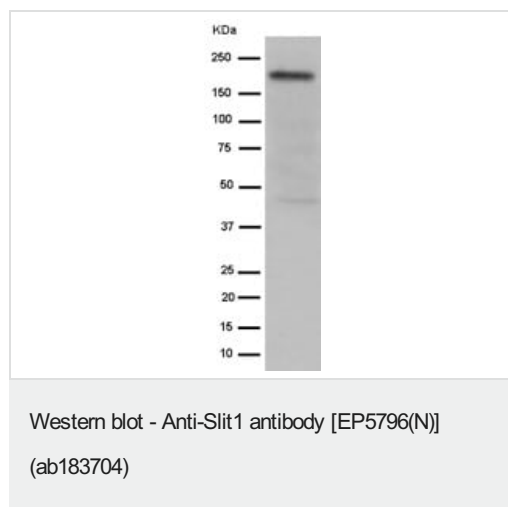
Sequence similarities

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

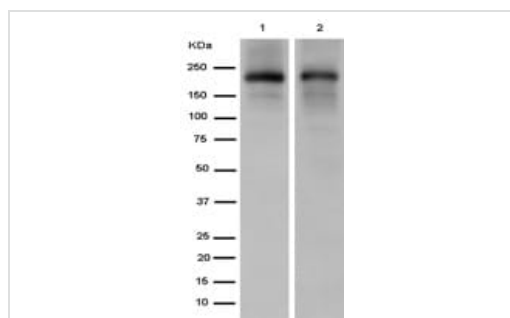


Anti-Slit1 antibody [EP5796(N)] (ab183704) at 1/1000 dilution + SH-SY5Y cell lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 168 kDa



Western blot - Anti-Slit1 antibody [EP5796(N)] (ab183704)

All lanes : Anti-Slit1 antibody [EP5796(N)] (ab183704) at 1/1000 dilution

Lane 1 : Human fetal brain lysate

Lane 2 : Human fetal forebrain lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 168 kDa

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

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