

Anti-Robo1 antibody ab85312

★★★★★ [3 Abreviews](#) [5 References](#) [1 图像](#)

概述

产品名称	Anti-Robo1抗体
描述	兔多克隆抗体to Robo1
宿主	Rabbit
经测试应用	适用于: WB 不适用于: ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide corresponding to Human Robo1 aa 1600 to the C-terminus conjugated to keyhole limpet haemocyanin. (Peptide available as ab94835)
阳性对照	WB: Human brain; Mouse brain lysates
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help. Immunogen affinity purified

同种型

IgG

The Abpromise guarantee

Abpromise™ 承诺保证使用ab85312于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★☆ (2)	Use a concentration of 1 µg/ml. Detects a band of approximately 190 kDa (predicted molecular weight: 180 kDa).

应用说明

Is unsuitable for ICC/IF.

功能

Receptor for SLIT1 and SLIT2 which are thought to act as molecular guidance cue in cellular migration, including axonal navigation at the ventral midline of the neural tube and projection of axons to different regions during neuronal development. In axon growth cones, the silencing of the attractive effect of NTN1 by SLIT2 may require the formation of a ROBO1-DCC complex. May be required for lung development.

组织特异性

Widely expressed, with exception of kidney.

序列相似性

Belongs to the immunoglobulin superfamily. ROBO family.
Contains 3 fibronectin type-III domains.
Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

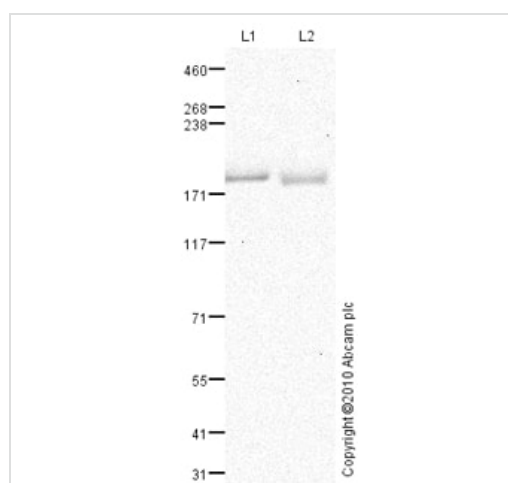
翻译后修饰

Ubiquitinated. May be deubiquitinated by USP33.

细胞定位

Membrane.

图片



Western blot - Anti-Robo1 antibody (ab85312)

All lanes : Anti-Robo1 antibody (ab85312) at 1 µg/ml

Lane 1 : Human brain tissue lysate - total protein (**ab29466**)

Lane 2 : Brain (Mouse) Tissue Lysate

Lysates/proteins at 10 μ g per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 180 kDa

Observed band size: 190 kDa

Exposure time: 20 minutes

Human Roundabout homolog 1 precursor contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted.

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

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