


Product datasheet

Anti-Netrin 1 antibody ab78854

1 References 1 Image

Overview

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-Netrin 1 antibody   |
| <b>Description</b>         | Rabbit polyclonal to Netrin 1  |
| <b>Host species</b>        | Rabbit   |
| <b>Tested applications</b> | <b>Suitable for:</b> WB  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse, Zebrafish<br><b>Predicted to work with:</b> Rat, Human, Pig, Xenopus laevis  |
| <b>Immunogen</b>           | Synthetic peptide conjugated to KLH derived from within residues 100 - 200 of Mouse Netrin 1. Read Abcam's proprietary immunogen policy  |
| <b>Positive control</b>    | This antibody gave a positive signal in Mouse Fetus (14 Day Old) Tissue Lysate.  |

Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | 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. |
| <b>Storage buffer</b>       | Preservative: 0.02% Sodium Azide<br>Constituents: 1% BSA, PBS, pH 7.4  |
| <b>Purity</b>               | Immunogen affinity purified  |
| <b>Clonality</b>            | Polyclonal   |
| <b>Isotype</b>              | IgG  |

Applications

Our [Abpromise guarantee](#) covers the use of **ab78854** 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

**Application notes** WB: Use at a concentration of 1 µg/ml. Detects a band of approximately 70 kDa (predicted)

molecular weight: 68 kDa).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

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### Function

Netrins control guidance of CNS commissural axons and peripheral motor axons. Its association with either DCC or some UNC5 receptors will lead to axon attraction or repulsion, respectively. It also serve as a survival factor via its association with its receptors which prevent the initiation of apoptosis. Involved in tumorigenesis by regulating apoptosis.

### Tissue specificity

Widely expressed in normal adult tissues with highest levels in heart, small intestine, colon, liver and prostate. Reduced expression in brain tumors and neuroblastomas.

### Sequence similarities

Contains 3 laminin EGF-like domains.

Contains 1 laminin N-terminal domain.

Contains 1 NTR domain.

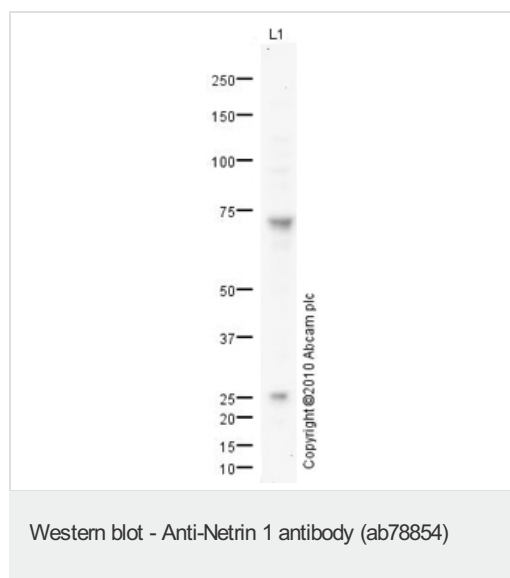
### Cellular localization

Secreted > extracellular space > extracellular matrix.

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## Images

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Anti-Netrin 1 antibody (ab78854) at 1 µg/ml +  
Mouse Fetus (14 Day Old) Tissue Lysate at  
10 µg

### Secondary

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:** 68 kDa

**Observed band size:** 72 kDa

**Additional bands at:** 25 kDa. We are unsure  
as to the identity of these extra bands.

**Exposure time:** 3 minutes

The 72 kDa band observed is comparable to  
the molecular weight seen with other  
commercially available antibodies to Netrin 1.

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