

Product datasheet

Anti-SEMA6C antibody ab68471

1 Image

Overview

| | |
|----------------------------|---|
| Product name | Anti-SEMA6C antibody |
| Description | Mouse polyclonal to SEMA6C |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Human |
| Immunogen | SEMA6C (NP_112175, 1 a.a. ~ 930 a.a) full-length human protein. |
| Positive control | SEMA6C transfected 293T lysate. |

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: None Constituents: PBS, pH 7.2 |
| Purity | Protein A purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab68471** 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 - 1/1000. Detects a band of approximately 130 kDa (predicted molecular weight: 100 kDa). |

Target

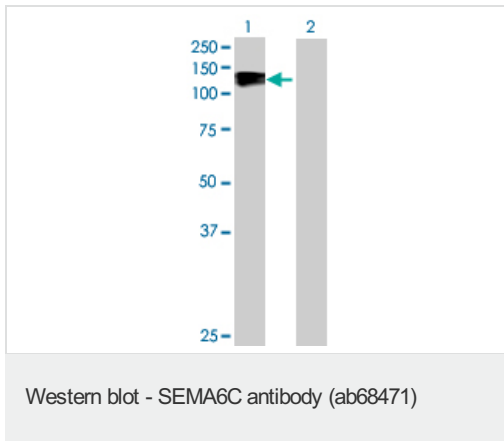
Relevance SEMA6C belongs to a subfamily characterized by an extracellular semaphorin domain, a

transmembrane domain, and a long cytoplasmic tail. Members of this class can repel sympathetic and dorsal root ganglion axons in vitro, consistent with a traditional role as guidance signals. SEMA6C shows growth cone collapsing activity on dorsal root ganglion (DRG) neurons in vitro and may be a stop signal for the DRG neurons in their target areas, and possibly also for other neurons. SEMA6C may also be involved in the maintenance and remodeling of neuronal connections.

Cellular localization

Membrane; Single-pass type I membrane protein.

Images



All lanes : Anti-SEMA6C antibody (ab68471)
at 1/500 dilution

Lane 1 : SEMA6C transfected 293T lysate

Lane 2 : Non-transfected 293T lysate

Lysates/proteins at 25 µg per lane.

Secondary

Goat Anti-Mouse IgG (H&L)-HRP at 1/2500
dilution

Predicted band size : 100 kDa

Observed band size : 130 kDa

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