


Product datasheet

Anti-PLXNA3 antibody ab41564

★★★★★ 2 Abreviews 2 References 1 Image

Overview

Product name	Anti-PLXNA3 antibody
Description	Rabbit polyclonal to PLXNA3
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Human 
Immunogen	Synthetic peptide corresponding to Mouse PLXNA3 aa 1100-1200. (Peptide available as ab41563)
Positive control	This antibody gave a positive signal in P0 mouse brain and mouse hippocampus tissue lysates
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS 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.
Purity	Immunogen affinity purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab41564 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)	Use a concentration of 1 µg/ml. Detects a band of approximately 207 kDa (predicted molecular weight: 207 kDa).

Target

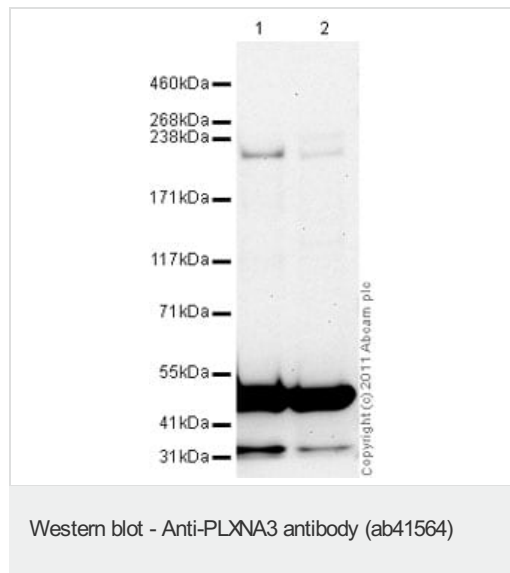
Relevance

Plexin A3 is a coreceptor for the class 3 secreted semaphorins. This family of semaphorins binds to a complex composed of a neuropilin and a plexin. The plexin type modulates the affinity of the complex for specific semaphorins and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm. Plexin A3 is a putative receptor involved in the development of neural and epithelial tissues.

Cellular localization

Membrane; single-pass type I membrane protein.

Images



All lanes : Anti-PLXNA3 antibody (ab41564) at 1 µg/ml

Lane 1 : P0 Mouse Brain Mouse Tissue Lysate

Lane 2 : Hippocampus (Mouse) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Performed under reducing conditions.

Predicted band size: 207 kDa

Observed band size: 207 kDa

Additional bands at: 32 kDa, 50 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 20 minutes

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

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