

Datasheet for ABIN7043438

**anti-Plexin A3 antibody (Extracellular, N-Term)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	50 µL
Target:	Plexin A3 (PLXNA3)
Binding Specificity:	AA 440-453, Extracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plexin A3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KVRVDGSQDAQLYE, corresponding to amino acid residues 440-453 of mouse PLXNA3
Isotype:	IgG
Characteristics:	Anti-Plexin-A3 (extracellular) Antibody (ABIN7043438, ABIN7045134 and ABIN7045135)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can be used in western blot, immunohistochemistry and indirect live cell flow cytometry. The antibody recognizes an extracellular epitope, and can potentially be used for detecting the protein in living cells. It has been designed to recognize PLXNA3 from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

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Target:	Plexin A3 (PLXNA3)
Alternative Name:	Plexin-A3 ( <a href="#">PLXNA3 Products</a> )
Background:	Alternative names: Plexin-A3, PLXNA3, PLXN3, Semaphorin receptor SEX
Gene ID:	18846
NCBI Accession:	<a href="#">NM_017514</a>
UniProt:	<a href="#">P70208</a>
Pathways:	<a href="#">Regulation of Cell Size</a>

## Application Details

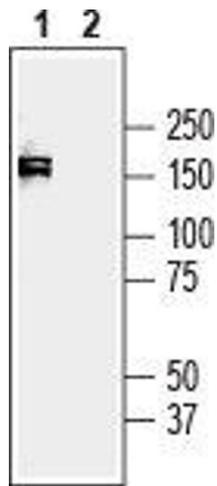
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

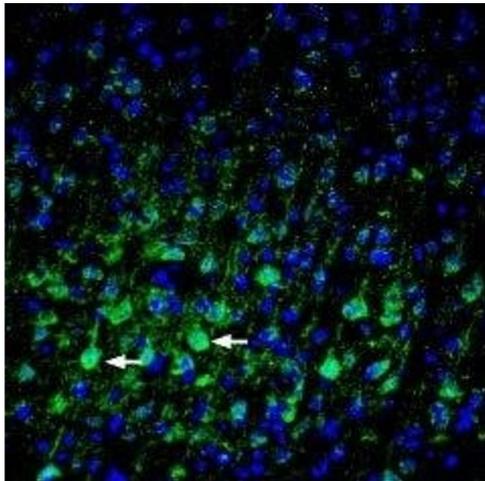
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Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



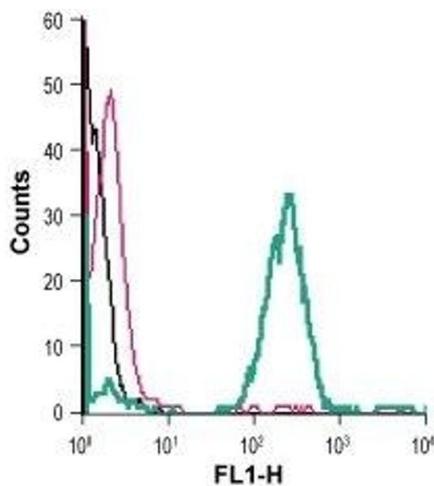
### Western Blotting

**Image 1.** Western blot analysis of human THP-1 monocytic leukemia cell line lysate: - 1. Anti-Plexin-A3 (extracellular) Antibody (ABIN7043438, ABIN7045134 and ABIN7045135), (1:200).2. Anti-Plexin-A3 (extracellular) Antibody, preincubated with Plexin-A3 (extracellular) Blocking Peptide (#BLP-PR093).



### Immunohistochemistry

**Image 2.** Expression of Plexin-A3 in mouse parietal cortex - Immunohistochemical staining of perfusion-fixed frozen mouse brain sections with Anti-Plexin-A3 (extracellular) Antibody (ABIN7043438, ABIN7045134 and ABIN7045135), (1:200), followed by goat-anti-rabbit-AlexaFluor-488. PLXNA3 staining (green) appears in pyramidal neurons (arrows). Cell nuclei are stained with DAPI (blue).



### Flow Cytometry

**Image 3.** Cell surface detection of PLXNA3 in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Anti-Plexin-A3 (extracellular) Antibody (ABIN7043438, ABIN7045134 and ABIN7045135), (2.5 µg) + goat-anti-rabbit-FITC.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7043438.