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Datasheet for ABIN7269422

anti-Plexin A3 antibody (AA 950-1150)

1 Image

Overview

Quantity:	100 µL
Target:	Plexin A3 (PLXNA3)
Binding Specificity:	AA 950-1150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plexin A3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	PLXNA3 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 950-1150 of human PLXNA3 (NP_059984.3).
Sequence:	GTRLTISGSS LDAGSRVTVT VRDSECQFVR RDAKAIVCIS PLSTLGPSQA PITLAIDRAN ISSPGLIYTY TQDPTVTRLE PTWSIINGST AITVSGTHLL TVQEPRVRAK YRGIETTNTC QVINDTAMLC KAPGIFLGRP QPRAQGEHPD EFGFLLDHVQ TARSLNRSSF TYYPDPSFEP LGPSGVLDVK PGSHVWLK GK N
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: Plexin A3 (PLXNA3)

Alternative Name: PLXNA3 ([PLXNA3 Products](#))

Background: This gene encodes a member of the plexin class of proteins. The encoded protein is a class 3 semaphorin receptor, and may be involved in cytoskeletal remodeling and as well as apoptosis. Studies of a similar gene in zebrafish suggest that it is important for axon pathfinding in the developing nervous system. This gene may be associated with tumor progression.,PLXNA3,6.3,HSSEXGENE,PLXN3,PLXN4,XAP-6,plexin-A3,Cell Biology & Developmental Biology,Cytoskeleton,Actins,Neuroscience,PLXNA3

Molecular Weight: 207kDa

Gene ID: 55558

UniProt: [P51805](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

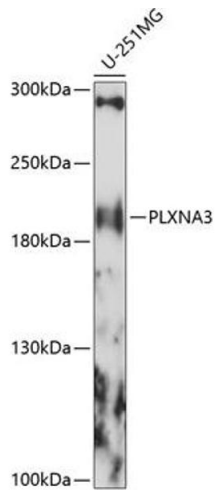
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of U-251MG cells, using PLXN antibody (ABIN7269422) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.