

Datasheet for ABIN7450574
anti-Plexin A3 antibody (AA 1050-1100)



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Overview

Quantity:	100 µg
Target:	Plexin A3 (PLXNA3)
Binding Specificity:	AA 1050-1100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plexin A3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Plexin-A3 Antibody, Affinity Purified
Immunogen:	Between AA 1050 and 1100
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	Plexin A3 (PLXNA3)
Alternative Name:	Plexin-A3 (PLXNA3 Products)
Background:	Background: Plexin-A3 is a coreceptor for SEMA3A and SEMA3F. It is necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plexin-A3 plays a role in

Target Details

axon guidance in the developing nervous system. It regulates the migration of sympathetic neurons, but not of neural crest precursors. Plexin-A3 is required for normal dendrite spine morphology in pyramidal neurons. It may play a role in regulating semaphorin-mediated programmed cell death in the developing nervous system. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin 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 [taken from the Universal Protein Resource (UniProt) P51805].

Gene ID:	55558
NCBI Accession:	NP_059984
UniProt:	P51805
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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:	4 °C
Expiry Date:	12 months