

ARG45079
anti-Plexin B1 antibodyPackage: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Plexin B1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Plexin B1
Species	Human
Immunogen	A synthetic peptide (coupled to KLH) corresponding to amino acid residues in the C-terminal region of human Plexin B1. This sequence has high homology with similar regions in rat and mouse Plexin B1, and has low homology to other plexin family members.
Conjugation	Un-conjugated
Alternate Names	PLXNB1; Plexin B1; SEP; KIAA0407; PLXN5; Semaphorin Receptor SEP; PLEXIN-B1; Plexin-B1; Plexin 5

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:400
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Antigen Affinity Purified.
Buffer	PBS, 0.05% NaN ₃ , 50% Glycerol and 0.1 % BSA.
Stabilizer	50% Glycerol and 0.1 % BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PLXNB1
Gene Full Name	Plexin B1
Background	Enables semaphorin receptor activity. Involved in several processes, including negative regulation of cell adhesion; regulation of cell shape; and semaphorin-plexin signaling pathway. Is integral component of plasma membrane. Part of semaphorin receptor complex. [provided by Alliance of Genome Resources, Apr 2022]
Function	Plays a role in axon guidance, invasive growth and cell migration. [Uniprot]
Calculated Mw	232 kDa
PTM	Disulfide bond, Glycoprotein, Phosphoprotein. [Uniprot]
Cellular Localization	Cell membrane, Membrane, Secreted. [Uniprot]