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Datasheet for ABIN7156270
anti-Plexin B2 antibody (AA 1458-1673) (FITC)

Overview

Quantity:	100 µL
Target:	Plexin B2 (PLXNB2)
Binding Specificity:	AA 1458-1673
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plexin B2 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Inhibitor of nuclear factor kappa-B kinase-interacting protein (1458-1673AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Antigen Affinity purified & Affinity purified

Target Details

Target:	Plexin B2 (PLXNB2)
Alternative Name:	PLXNB2 (PLXNB2 Products)
Background:	Background: Cell surface receptor for SEMA4C, SEMA4D and SEMA4G that plays an important

Target Details

role in cell-cell signaling. Binding to class 4 semaphorins promotes downstream activation of RHOA and phosphorylation of ERBB2 at '\Tyr-1248\''. Required for normal differentiation and migration of neuronal cells during brain corticogenesis and for normal embryonic brain development. Regulates the migration of cerebellar granule cells in the developing brain. Plays a role in RHOA activation and subsequent changes of the actin cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. May modulate the activity of RAC1 and CDC42. Down-regulates macrophage migration in wound-healing assays (in vitro) (By similarity).

Aliases: PLXNB2 antibody, KIAA0315 antibody, Plexin-B2 antibody, MM1 antibody

UniProt: [O15031](#)

Pathways: [Tube Formation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.