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Datasheet for ABIN7156268

anti-Plexin B2 antibody (AA 1458-1673) (Biotin)



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Background:

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 Biotin	
Application:	ELISA	
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: Cell surface receptor for SEMA4C, SEMA4D and SEMA4G that plays an important

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: 015031

Pathways: Tube Formation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.	
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.	