

Plexin B2 Rabbit pAb

CatalogNo: YN6730

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 202kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human Plexin B2

Specificity

This antibody detects endogenous levels of Plexin B2 at Human, Mouse

Target Information

Gene name

PLXNB2 KIAA0315

Protein Name	Plexin-B2 (MM1)		
	Organism	Gene ID	UniProt ID
	Human	23654 ;	O15031 ;
	Mouse	140570 ;	B2RXS4 ;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein .		
Function	Cell surface receptor for SEMA4C, SEMA4D and SEMA4G that plays an important role in cell-cell signaling (By similarity). Plays a role in glutamatergic synapse development and is required for SEMA4A-mediated excitatory synapse development (By similarity). Binding to class 4 semaphorins promotes downstream activation of RHOA and phosphorylation of ERBB2 at 'Tyr-1248' (By similarity). Required for normal differentiation and migration of neuronal cells during brain corticogenesis and for normal embryonic brain development (By similarity). Regulates the migration of cerebellar granule cells in the developing brain (By similarity). 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 (By similarity).		

Validation Data

Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: http://www.immunoway.com
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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Plexin B2 Rabbit pAb

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