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Datasheet for ABIN7117599 anti-Plexin B2 antibody

Overview

Quantity:	100 µg
Target:	Plexin B2 (PLXNB2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plexin B2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	plexin B2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Plexin B2 (PLXNB2)
Alternative Name:	Plexin B2 (PLXNB2 Products)
Background:	Synonyms: KIAA0315, MM1, Nbla00445, PLEXB2, Plexin B2, PLXNB2 Background: Semaphorins, originally identified as axon guidance molecules, have also been implicated in angiogenesis, immunoregulation, and cancer (PMID: 16584533). Plexins are main receptors for semaphorins and are thought to control many of the functional effects of semaphorins. PLXNB2 is one of the

Target Details

three plexin-B family members which participate in axon guidance and cell migration in response to semaphorins. It has been reported that plexin B2 precursor is 240 kDa and can be cleaved into alpha subunit (~170- kDa) and beta subunit (80- kDa) (PMID: 12533544).

Molecular Weight: 80 kDa, 170 kDa

Gene ID: 23654

UniProt: [O15031](#)

Pathways: [Tube Formation](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP :1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months