

PLXNA4 Polyclonal Antibody

Catalog NumberPA5-32026

Product data sheet

| Details | | Species Reactivity | |
|--------------------|---|--|---------------|
| Size | 100 µL | Species reactivity | Human |
| Host/Isotope | Rabbit / IgG | Tested Applications | |
| Class | Polyclonal | Dilution * | |
| Type | Antibody | Western Blot (WB) | 1:500-1:3,000 |
| Immunogen | Recombinant fragment corresponding to a region within amino acids 19 and 261 of Human Plexin A4 | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. | |
| Conjugate | Unconjugated | | |
| Form | Liquid | | |
| Concentration | 1 mg/mL | | |
| Purification | Antigen affinity chromatography | | |
| Storage buffer | PBS, pH 7, with 1% BSA, 20% glycerol | | |
| Contains | 0.01% thimerosal | | |
| Storage Conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. | | |

Product specific information

Recommended positive controls: 293T, A431, Jurkat, Raji. Predicted reactivity: Mouse (96%), Zebrafish (84%), Bovine (97%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

PLXNA4 is a protein coding gene. Coreceptor for SEMA3A. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance in the developing nervous system. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm.

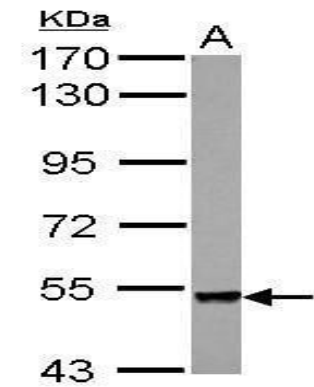
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Product Images For PLXNA4 Polyclonal Antibody



PLXNA4 Antibody (PA5-32026) in WB
Western Blot using PLXNA4 Polyclonal Antibody (Product # PA5-32026). Sample (30 µg of whole cell lysate). Lane A: 293T . 7.5% SDS PAGE. PLXNA4 Polyclonal Antibody (Product # PA5-32026) diluted at 1:1,000.

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