

**PLXND1 polyclonal antibody**

Catalog: BS33244

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Plexin-D1: Cell surface receptor for SEMA4A and for class 3 semaphorins, such as SEMA3A, SEMA3C and SEMA3E. Plays an important role in cell-cell signaling, and in regulating the migration of a wide spectrum of cell types. Regulates the migration of thymocytes in the medulla. Regulates endothelial cell migration. Plays an important role in ensuring the specificity of synapse formation. Required for normal development of the heart and vasculature (By similarity). Mediates anti-angiogenic signaling in response to SEMA3E

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~212 kDa

Swiss-Prot:

Q9Y4D7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of PLXND1 protein

DATA:

Western blot analysis of RPA2 expression in Hela (A), MCF7 (B), T47D (C), Ramos (D), HEK293 (E), HepG2 (F), A431 (G) whole cell lysates. Immunohistochemical analysis of RPA2 staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Flow cytometric analysis of HeLa cells using Anti-RPA2 Antibody (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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