

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

SLIT2 RABBIT PAB

Cat.#: S220945

Product Name: Anti-SLIT2 Rabbit Polyclonal Antibody

Synonyms: SLIL3; Slit-2

UNIPROT ID: O94813 (Gene Accession - NP_004778)

Background: This gene encodes a member of the slit family of secreted glycoproteins, which are ligands for the Robo family of immunoglobulin receptors. Slit proteins play highly conserved roles in axon guidance and neuronal migration and may also have functions during other cell migration processes including leukocyte migration. Members of the slit family are characterized by an N-terminal signal peptide, four leucine-rich repeats, nine epidermal growth factor repeats, and a C-terminal cysteine knot. Proteolytic processing of this protein gives rise to an N-terminal fragment that contains the four leucine-rich repeats and five epidermal growth factor repeats and a C-terminal fragment that contains four epidermal growth factor repeats and the cysteine knot. Both full length and cleaved proteins are secreted extracellularly and can function in axon repulsion as well as other specific processes. Alternative splicing results in multiple transcript variants.

Immunogen: Synthetic peptide of human SLIT2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 200-1000;ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

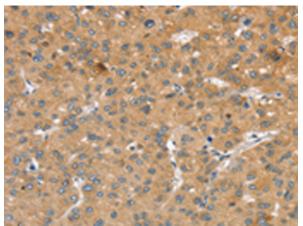
Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

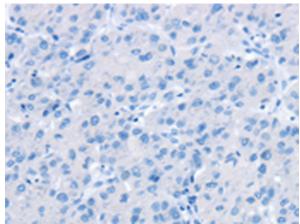


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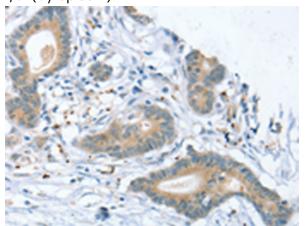
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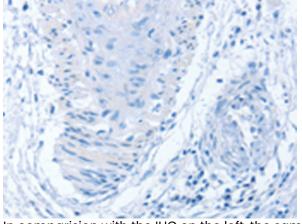
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220945(SLIT2 Antibody) at a dilution of 1/30(Cytoplasm).



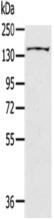
In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220945(Anti-SLIT2 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue paraffin-embedded Human colon cancer tissue using 220945(Anti-SLIT2 Antibody) at a dilution of is first treated with synthetic peptide and then 1/30.



with D262267(Anti-SLIT2 Antibody) at dilution 1/30.



Gel: 6%SDS-PAGE, Lysate: 40 µg; Lane: Mouse bladder tissue; Primary antibody: 220945(SLIT2 Antibody) at dilution 1/200; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;

Exposure time: 1 minute



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