

## SLIT1 RABBIT PAB

**Cat.#:** S214718

**Product Name:** Anti-SLIT1 Rabbit Polyclonal Antibody

**Synonyms:** MEGF4; SLIL1; SLIT3; SLIT-1

**UNIPROT ID:** O75093 (Gene Accession - NP\_003052 )

**Background:** Thought to act as molecular guidance cue in cellular migration, and function appears to be mediated by interaction with roundabout homolog receptors. During neural development involved in axonal navigation at the ventral midline of the neural tube and projection of axons to different regions (By similarity). SLIT1 and SLIT2 together seem to be essential for midline guidance in the forebrain by acting as repulsive signal preventing inappropriate midline crossing by axons projecting from the olfactory bulb.

**Immunogen:** Synthetic peptide of human SLIT1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

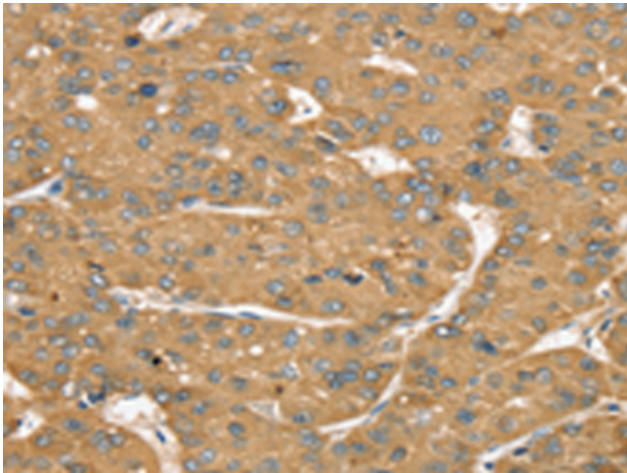
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

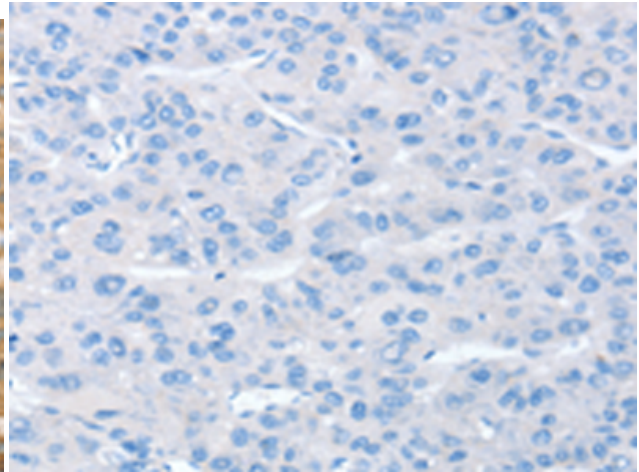
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

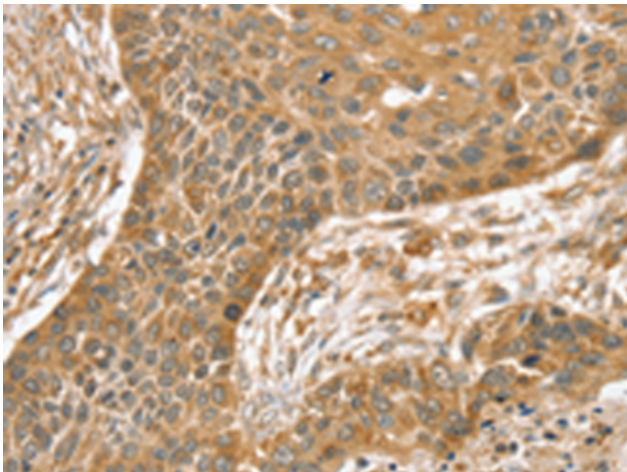
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



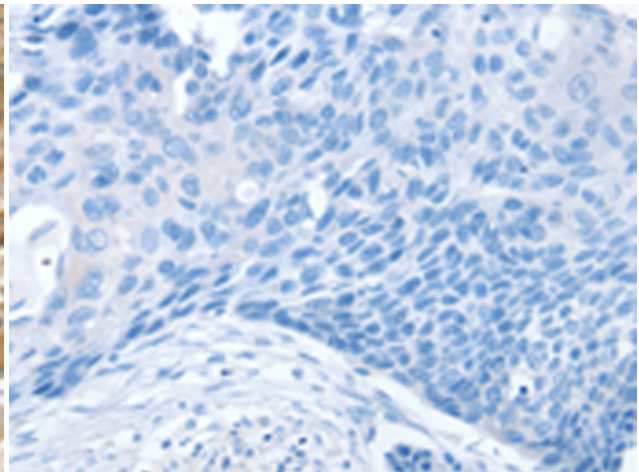
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 214718 (SLIT1 Antibody) at a dilution of 1/35 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 214718 (Anti-SLIT1 Antibody) at dilution 1/35.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 214718 (Anti-SLIT1 Antibody) at a dilution of 1/35.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with synthetic peptide and then with D162266 (Anti-SLIT1 Antibody) at dilution 1/35.