
Slitrk6 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253831

Unit: 0.1 mg

Description:

SLIT and NTRK-like family 6 (Slitrk6) is a member a protein family consisting of six homologous transmembrane proteins (Slitrk1-6) that share two conserved leucine-rich repeat domains in the extracellular domain and have significant homology to Slit, a secreted axonal growth-controlling protein. These proteins are also homologous to trk neurotrophin receptors in their intracellular domains. Expression of Slitrk proteins is highly restricted to neural and brain tumor tissues, but varies within the protein family. Slitrk6 expression has been observed in tissues such as tongue, lung, gastrointestinal tract, and pancreas. Like every other Slitrk protein except Slitrk1, overexpression of Slitrk6 inhibited neurite outgrowth in cultured neurons, suggesting that these proteins are involved in the control of neurite outgrowth. At least two isoforms of Slitrk6 are known to exist. This antibody is predicted to have no cross-reactivity to other Slitrk proteins.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Slitrk6 ; SLIT and NTRK-like family 6

Accession No.: Q9H5Y7

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human Slitrk6.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.