

SLIK1 Polyclonal Antibody

Catalog No :	YN2345
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	SLIK1
Fields :	>>Cell adhesion molecules
Gene Name :	SLITRK1 KIAA1910 LRRC12 UNQ233/PRO266
Protein Name :	SLIT and NTRK-like protein 1 (Leucine-rich repeat-containing protein 12)
Human Gene Id :	114798
Human Swiss Prot No :	Q96PX8
Mouse Swiss Prot No :	Q810C1
Immunogen :	Synthesized peptide derived from human protein . at AA range: 230-310
Specificity :	SLIK1 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 76kD

Background : This gene encodes a member of the SLITRK protein family. Members of this family are integral membrane proteins that are characterized by two N-terminal leucine-rich repeat (LRR) domains and a C-terminal region that shares homology with trk neurotrophin receptors. However, the protein encoded by this gene lacks the region of homology to neurotrophin receptors. This protein is thought to be involved in neurite outgrowth. Mutations in this gene may be associated with Tourette syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],

Function : developmental stage:At 20 weeks of gestation, expressed in multiple brain regions, including the developing neo-cortical plate, subplate zone, striatum, globus pallidus, thalamus and subthalamus.,disease:Defects in SLITRK1 may be a cause of Gilles de la Tourette syndrome (GTS) [MIM:137580]. GTS is a neurologic disorder manifested particularly by motor and vocal tics and associated with behavioral abnormalities.,function:Enhances neuronal dendrite outgrowth.,similarity:Belongs to the SLITRK family.,similarity:Contains 13 LRR (leucine-rich) repeats.,tissue specificity:Expressed predominantly in the frontal lobe of the cerebral cortex of the brain. Also expressed in some astrocytic brain tumors such as astrocytomas, oligodendrogliomas, glioblastomas, gangliogliomas and primitive neuroectodermal tumors.,

Subcellular Location : Membrane ; Single-pass type I membrane protein . Secreted . Cell junction, synapse .

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