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Datasheet for ABIN500750

## anti-SLITRK1 antibody (C-Term)

### 2 Images

#### Overview

Quantity:	0.1 mg
Target:	SLITRK1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLITRK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	Slitrk1 antibody was raised against a 16 amino acid peptide from near the carboxy terminus of human Slitrk1.
Isotype:	IgG
Specificity:	This antibody detects SLITRK1 at C-term. It is predicted to have no cross-reactivity to other Slitrk proteins.
Cross-Reactivity (Details):	Species reactivity (tested):Huamn, mouse, rat
Purification:	Peptide affinity chromatography

#### Target Details

Target:	SLITRK1
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## Target Details

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Alternative Name:	SLITRK1 ( <a href="#">SLITRK1 Products</a> )
Background:	<p>SLIT and NTRK-like family 1 (Slitrk1) 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 family. For example, Slitrk1 is expressed primarily in mature neurons. Overexpression of Slitrk1 in transfected neuronal cells induced unipolar neurites, while expression of the other Slitrk proteins inhibited neurite outgrowth, suggesting that these proteins are involved in the control of neurite outgrowth. While Slitrk1 variants have been suggested associated with Tourette's Syndrome, it is thought to play only a minor role if at all. Synonyms: KIAA1910, LRRC12, Leucine-rich repeat-containing protein 12, SLIT and NTRK-like protein 1</p>
Gene ID:	114798
NCBI Accession:	<a href="#">NP_443142</a>
UniProt:	<a href="#">Q96PX8</a>

## Application Details

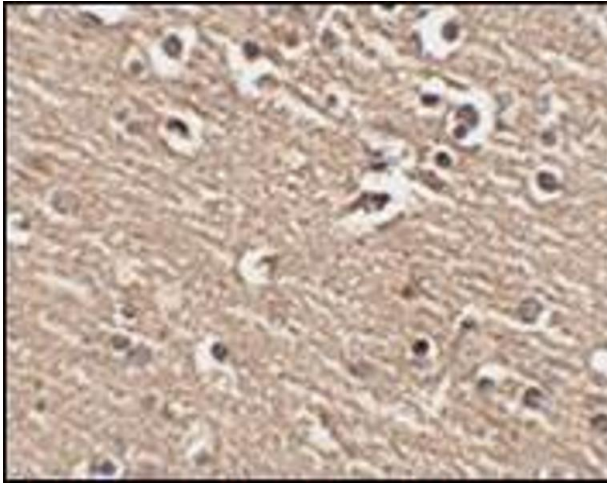
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Application Notes:	<p>ELISA. Western blot: 1 - 2 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

## Handling

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Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of Slitrk1 in human brain tissue with this product at 2.5 µg/ml.



### Western Blotting

**Image 2.** Western blot analysis of Slitrk1 in human brain tissue lysate with this product at (A) 1 and (B) 2 µg/ml.