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Datasheet for ABIN500760

## anti-SLITRK3 antibody (C-Term)

### 2 Images

#### Overview

Quantity:	0.1 mg
Target:	SLITRK3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLITRK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	Slitrk3 antibody was raised against a 14 amino acid peptide from near the carboxy terminus of human Slitrk3.
Isotype:	IgG
Specificity:	This antibody detects SLITRK3 at center. It is predicted to have no cross-reactivity to other Slitrk proteins.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse
Purification:	Peptide affinity chromatography

#### Target Details

Target:	SLITRK3
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## Target Details

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Alternative Name:	SLITRK3 ( <a href="#">SLITRK3 Products</a> )
Background:	SLIT and NTRK-like family 3 (Slitrk3) 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. Like every other Slitrk protein except Slitrk1, overexpression of Slitrk3 inhibited neurite outgrowth in cultured neurons, suggesting that these proteins are involved in the control of neurite outgrowth.Synonyms: KIAA0848, SLIT and NTRK-like protein 3
Gene ID:	22865
UniProt:	<a href="#">O94933</a>

## Application Details

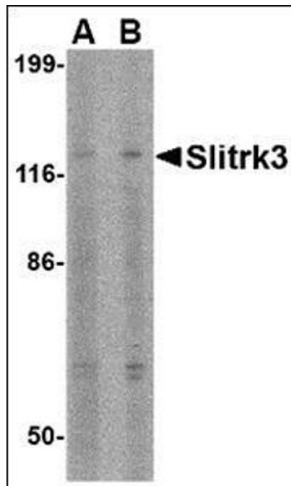
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Application Notes:	ELISA. Western blot. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

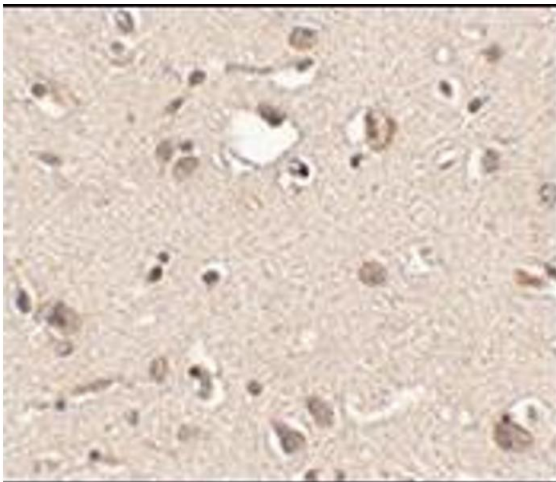
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Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing 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.



### Western Blotting

**Image 1.** Western blot analysis of Slitrk3 in SK-N-SH cell lysate with this product at (A) 0.5 and (B) 1  $\mu$ g/ml.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of Slitrk3 in human brain tissue with this product at 2.5  $\mu$ g/ml.