

Datasheet for ABIN2784098

anti-SLITRK1 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	SLITRK1
Binding Specificity:	N-Term
Reactivity:	Rat, Human, Mouse, Cow, Horse, Rabbit, Guinea Pig, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLITRK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SLITRK1
Sequence:	CDLLSLKEWL ENIPKNALIG RVVCEAPTRL QGKDLNETTE QDLCPLKNRV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against SLITRK1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLITRK1
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Target Details

Alternative Name:	SLITRK1 (SLITRK1 Products)
Background:	<p>Members of the SLITRK family, such as SLITRK1, are integral membrane proteins with 2 N-terminal leucine-rich repeat (LRR) domains similar to those of SLIT proteins. Most SLITRKs, but not SLITRK1, also have C-terminal regions that share homology with neurotrophin receptors. SLITRKs are expressed predominantly in neural tissues and have neurite-modulating activity. Members of the SLITRK family, such as SLITRK1, are integral membrane proteins with 2 N-terminal leucine-rich repeat (LRR) domains similar to those of SLIT proteins (see SLIT1, MIM 603742). Most SLITRKs, but not SLITRK1, also have C-terminal regions that share homology with neurotrophin receptors (see NTRK1, MIM 191315). SLITRKs are expressed predominantly in neural tissues and have neurite-modulating activity (Aruga et al., 2003 [PubMed 14557068]). [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: KIAA0918, KIAA1910, LRRC12, RP11-395N17.1, TTM</p> <p>Protein Size: 696</p>
Molecular Weight:	78 kDa
Gene ID:	114798
NCBI Accession:	NM_052910 , NP_443142
UniProt:	Q96PX8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 696 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-SLITRK1 Antibody Titration:
0.2-1 ug/ml Positive Control: Human Lung