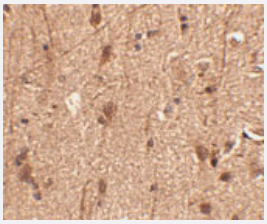
SLITRK3 polyclonal antibody

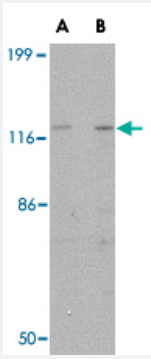
Catalog # PAB13331 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of SLITRK3 in human brain tissue with SLITRK3 polyclonal antibody (Cat # PAB13331) at 2.5 ug/mL .



Western Blot (Cell lysate)

Western blot analysis of SLITRK3 in SK-N-SH cell lysate with SLITRK3 polyclonal antibody (Cat # PAB13331) at (A) 0.25 and (B) 0.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SLITRK3.
Immunogen	A synthetic peptide corresponding to C-terminus 14 amino acids of human SLITRK3.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemistry of SLITRK3 in human brain tissue with SLITRK3 polyclonal antibody (Cat # PAB13331) at 2.5 ug/mL .

- Western Blot (Cell lysate)

  Western blot analysis of SLITRK3 in SK-N-SH cell lysate with SLITRK3 polyclonal antibody (Cat # PAB13331) at (A) 0.25 and (B) 0.5 ug/mL .

Gene Info — SLITRK3

Entrez GeneID	22865
Protein Accession#	O94933
Gene Name	SLITRK3
Gene Alias	KIAA0848, MGC138681
Gene Description	SLIT and NTRK-like family, member 3
Omim ID	609679
Gene Ontology	Hyperlink
Gene Summary	Members of the SLITRK family, such as SLITRK3, are integral membrane proteins with 2 N-termin al leucine-rich repeat (LRR) domains similar to those of SLIT proteins (see SLIT1; MIM 603742). Most SLITRKs, including SLITRK3, also have C-terminal regions that share homology with neurotr ophin receptors (see NTRK1; MIM 191315). SLITRKs are expressed predominantly in neural tiss ues and have neurite-modulating activity (Aruga et al., 2003 [PubMed 14557068]).[supplied by O MIM
Other Designations	slit and trk like 3 protein|slit and trk like gene 3

Publication Reference

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- Human SLITRK family genes: genomic organization and expression profiling in normal brain and brain tumor tissue.

  Aruga J, Yokota N, Mikoshiba K.

  Gene 2003 Oct; 315:87.

- Identification and characterization of Slitrk, a novel neuronal transmembrane protein family controlling neurite outgrowth.

  Aruga J, Mikoshiba K.

  Molecular and Cellular Neurosciences 2003 Sep; 24(1):117.

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