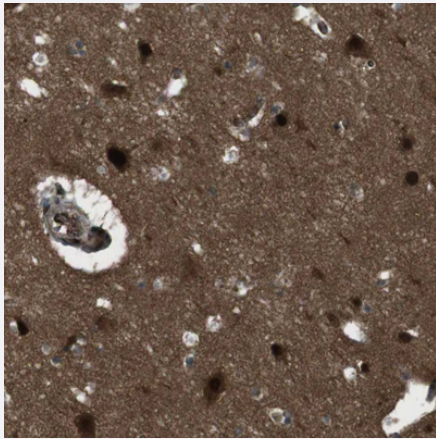


# SLITRK5 polyclonal antibody

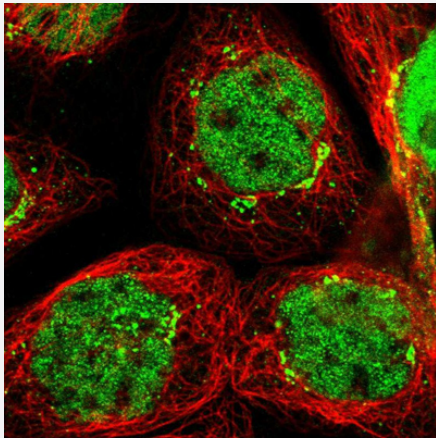
Catalog # PAB30597      Size 100 uL

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with SLITRK5 polyclonal antibody (Cat # PAB30597) shows strong nuclear and cytoplasmic positivity in neuronal cell and glial cells.



### Immunofluorescence

Immunofluorescent staining of human cell line A-431 with SLITRK5 polyclonal antibody (Cat # PAB30597) shows positivity in the Golgi apparatus and nucleus but excluded from the nucleoli. Antibody staining is shown in green.

## Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human SLITRK5.
Immunogen	Recombinant protein corresponding to amino acids 552-663 of human SLITRK5.
Sequence	LKSLIQIDLHDNPWDCTCDIVGMKLWVEQLKVGVLVDEVICKAPKKFAETDMRSIKSELLCPDYSDDVVSTPTPSSIQVPARTSAVTPAVRLNSTGAPASLGAGGGASSVPL

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1 - 4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20 - 1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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

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- Immunofluorescence

Immunofluorescent staining of human cell line A-431 with SLITRK5 polyclonal antibody (Cat # PAB30597) shows positivity in the Golgi apparatus and nucleus but excluded from the nucleoli. Antibody staining is shown in green.

## Gene Info — SLITRK5

Entrez GeneID	<a href="#">26050</a>
Protein Accession#	<a href="#">O94991</a>
Gene Name	SLITRK5
Gene Alias	FLJ58374, KIAA0918, LRRC11, bA364G4.2
Gene Description	SLIT and NTRK-like family, member 5
Omim ID	<a href="#">609680</a>

**Gene Ontology**[Hyperlink](#)**Gene Summary**

Members of the SLITRK family, such as SLITRK5, 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, including SLITRK5, 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]

**Other Designations**

OTTHUMP00000018547|leucine rich repeat containing 11|slit and trk like gene 5