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# SLITRK1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13147

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q96PX8 |
| **Other Accession** | NM_052910, NP_443142 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine |
| **Predicted** | Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 77735 |

## Additional Information

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| **Gene ID** | 114798 |
| **Alias Symbol** | KIAA0918, KIAA1910, LRRC12, RP11-395N17.1, TTM |
| **Other Names** | SLIT and NTRK-like protein 1, Leucine-rich repeat-containing protein 12, SLITRK1, KIAA1910, LRRC12 |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-SLITRK1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | SLITRK1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

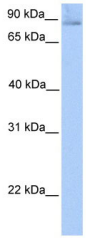
| | |
|---|---|
| **Name** | SLITRK1 |
| **Synonyms** | KIAA1910, LRRC12 |
| **Function** | It is involved in synaptogenesis and promotes excitatory synapse differentiation (PubMed:27273464, PubMed:27812321). Enhances neuronal dendrite outgrowth (PubMed:16224024, PubMed:19640509). |
| **Cellular Location** | Membrane; Single-pass type I membrane protein. Secreted Synapse {ECO:0000250\|UniProtKB:Q810C1} |
| **Tissue Location** | Expressed predominantly in the frontal lobe of the cerebral cortex of the |

brain. Also expressed in some astrocytic brain tumors such as astrocytomas, oligodendrogliomas, glioblastomas, gangliogliomas and primitive neuroectodermal tumors

## References


Nagase T.,et al.DNA Res. 8:179-187(2001).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Dunham A.,et al.Nature 428:522-528(2004).
Aruga J.,et al.Gene 315:87-94(2003).
Abelson J.F.,et al.Science 310:317-320(2005).


## Images




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


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.