

For Research Use Only

# SLITRK2 Polyclonal antibody

Catalog Number: 21508-1-AP



## Basic Information

<b>Catalog Number:</b> 21508-1-AP	<b>GenBank Accession Number:</b> BC113012	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 330 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84631	<b>Recommended Dilutions:</b> IHC: 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H156	
<b>Isotype:</b> IgG	<b>Full Name:</b> SLIT and NTRK-like family, member 2	
<b>Immunogen Catalog Number:</b> AG15993	<b>Calculated MW:</b> 845 aa, 95 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC: mouse brain tissue,
<b>Species Specificity:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

SLITRK2 is a 845 amino acid single-pass transmembrane protein and is expressed at postsynaptic neurons, which plays a important role in regulating neurite outgrowth and excitatory synapse maintenance (PMID: 35840571). It has been reported that SLITRK2 deficiency could lead to abnormal neural network activity, vestibular function, synaptic integrity, and serotonergic function (PMID: 35789858).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

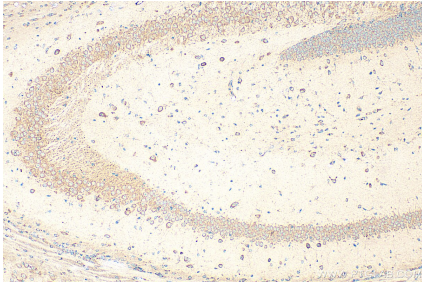
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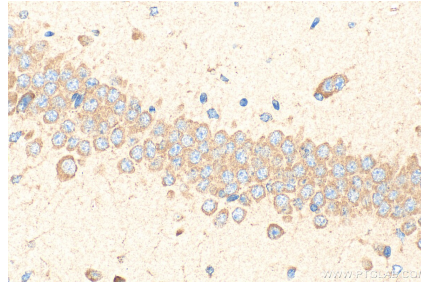
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21508-1-AP (SLITRK2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21508-1-AP (SLITRK2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).