

For Research Use Only

SLITRK2 Polyclonal antibody

Catalog Number: 21508-1-AP



Basic Information

Catalog Number: 21508-1-AP	GenBank Accession Number: BC113012	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 84631	Recommended Dilutions: IHC: 1:50-1:500
Isotype: IgG	UNIPROT ID: Q9H156	
Immunogen Catalog Number: AG15993	Full Name: SLIT and NTRK-like family, member 2	
	Calculated MW: 845 aa, 95 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse brain tissue,
Species Specificity: 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

For technical support and original validation data for this product please contact:

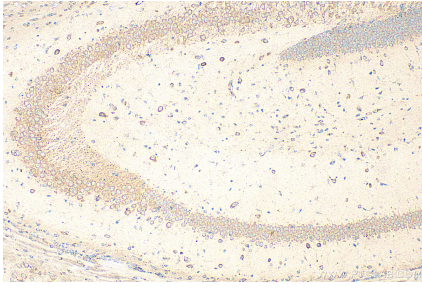
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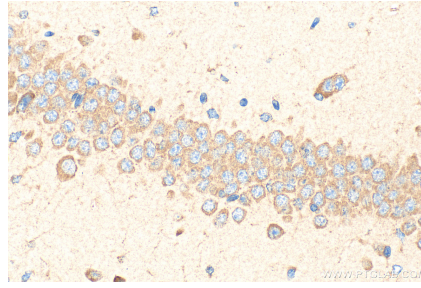
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Selected Validation Data



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).