For Research Use Only

SLITRK3 Polyclonal antibody

Catalog Number:21649-1-AP Featured Product 5 Publications

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Basic Information

Catalog Number:
21649-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16352

GenBank Accession Number:
BC114621

GeneID (NCBI):
22865

UNIPROT ID:
O94933

Full Name:
SLIT and NTRK-like family, member 3

Calculated MW:
977 aa, 109 kDa

Observed MW:
120-125 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:200-1:1000
IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:50-1:500

Applications

Tested Applications:
WB, IHC, IP, ELISA

Cited Applications:
WB, IHC, IF

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat

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

Positive Controls:

WB : mouse brain tissue,

IP : mouse brain tissue,

IHC : rat small intestine tissue, mouse brain tissue, mouse intestine

Background Information

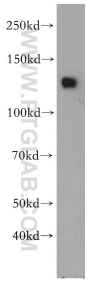
Notable Publications

Author	Pubmed ID	Journal	Application
Jun Li	29107521	Neuron	WB, IHC
Aliccia Bollig-Fischer	35006496	Mol Biomed	WB,IF
Saurabh Pandey	40147933	J Neurosci	WB

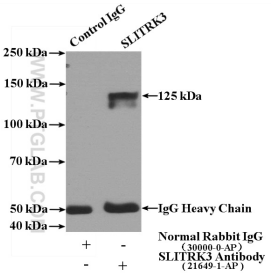
Storage

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

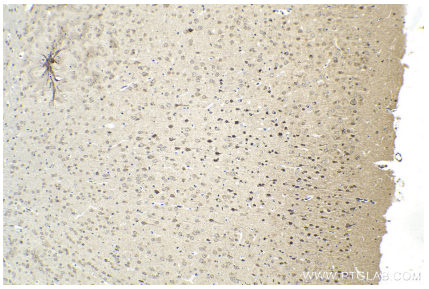
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 21649-1-AP (SLITRK3 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.

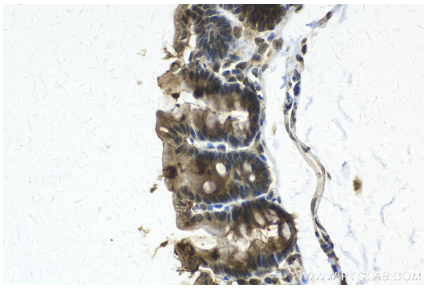


IP result of anti-SLITRK3 (IP:21649-1-AP, 4ug; Detection:21649-1-AP 1:300) with mouse brain tissue lysate 4000ug.

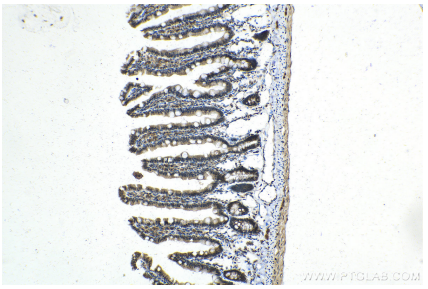


Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21649-1-AP (SLITRK3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

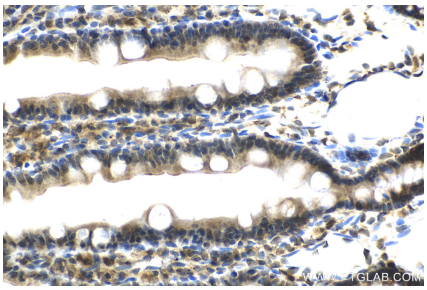
Immunohistochemical analysis of paraffin-embedded mouse intestine tissue slide using 21649-1-AP (SLITRK3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse intestine tissue slide using 21649-1-AP (SLITRK3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using 21649-1-AP (SLITRK3 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 rat small intestine tissue slide using 21649-1-AP (SLITRK3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).