

For Research Use Only

# SLITRK6 Polyclonal antibody

Catalog Number: 21150-1-AP



## Basic Information

<b>Catalog Number:</b> 21150-1-AP	<b>GenBank Accession Number:</b> BC101070	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84189	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H5Y7	<b>IF/ICC 1:10-1:100</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> SLIT and NTRK-like family, member 6	
<b>Immunogen Catalog Number:</b> AG15701	<b>Calculated MW:</b> 841 aa, 95 kDa	
	<b>Observed MW:</b> 95-100 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> A549 cells, mouse lung tissue
	<b>IF/ICC :</b> HepG2 cells,

## Background Information

SLITRK6 is a member of the SLITRK family. Members of this family are integral membrane proteins that are characterized by two N-terminal leucine-rich repeat (LRR) domains and a C-terminal region that shares homology with trk neurotrophin receptors. This protein functions as a regulator of neurite outgrowth required for normal hearing and vision. Mutations in SLITRK6 gene are a cause of myopia and deafness.

## Storage

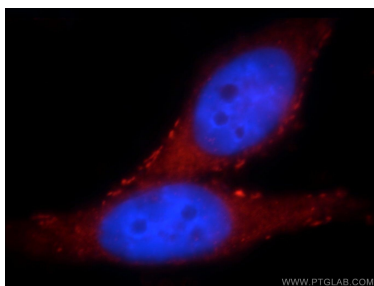
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol  
**Aliquoting is unnecessary for -20°C storage**

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

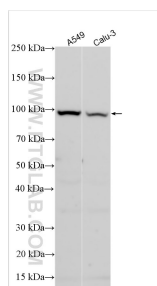
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## Selected Validation Data



Immunofluorescent analysis of HepG2 cells, using SLITRK6 antibody 21150-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Various lysates were subjected to SDS PAGE followed by western blot with 21150-1-AP (SLITRK6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.