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# anti-SLITRK2 antibody (Extracellular, N-Term)

3 Images



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Overview		
Quantity:	50 μL	
Target:	SLITRK2	
Binding Specificity:	AA 301-315, Extracellular, N-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SLITRK2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)	
Product Details		
Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KASRPPKMRNRPTPR, corresponding to amino acid residues 301-315 of mouse Slitrk2	
Isotype:	IgG	
Characteristics:	Anti-Slitrk2 (extracellular) Antibody (ABIN7043630, ABIN7045306 and ABIN7045307)) is a highly selective antibody directed against an epitope of the mouse protein. The antibody can be used in western blot and immunohistochemistry applications. The antibody recognizes an extracellular epitope, and can potentially be used for detecting the protein in living cells. It has been designed to recognize Slitrk2 from mouse, human, and rat samples.	
Purification:	Affinity purified on immobilized antigen.	

## **Target Details**

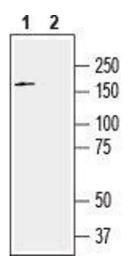
Target:	SLITRK2
Alternative Name:	Slitrk2 (SLITRK2 Products)
Background:	Alternative names: Slitrk2, SLIT and NTRK-like family member 2, SLITL1
Gene ID:	245450
NCBI Accession:	NM_032539
UniProt:	Q810C0

# **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

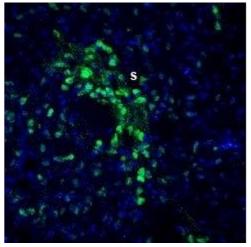
## Handling

Format:	Lyophilized
Reconstitution:	$25\mu\text{L},50\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.  Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



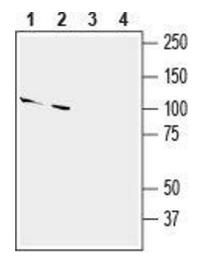
#### **Western Blotting**

**Image 1.** Western blot analysis of human U-87 MG glioblastoma cell line lysate: - 1. Anti-Slitrk2 (extracellular) Antibody (ABIN7043630, ABIN7045306 and ABIN7045307), (1:200).2. Anti-Slitrk2 (extracellular) Antibody, preincubated with Slitrk2 (extracellular) Blocking Peptide (#BLP-SR082).



#### **Immunohistochemistry**

Image 2. Expression of Slitrk2 in rat striatum - Immunohistochemical staining of perfusion-fixed frozen rat brain sections with Anti-Slitrk2 (extracellular) Antibody (ABIN7043630, ABIN7045306 and ABIN7045307), (1:200), followed by goat anti-rabbit-AlexaFluor-488. Slitrk2 immunoreactivity (green) appears in striosomal patches (S). Cell nuclei are stained with DAPI (blue).



#### **Western Blotting**

Image 3. Western blot analysis of mouse (lanes 1 and 3) and rat (lanes 2 and 4) brain lysates: - 1,2. Anti-Slitrk2 (extracellular) Antibody (ABIN7043630, ABIN7045306 and ABIN7045307), (1:200).3,4. Anti-Slitrk2 (extracellular) Antibody, preincubated with Slitrk2 (extracellular) Blocking Peptide (#BLP-SR082).