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## anti-SLITRK6 antibody (N-Term)





Publication



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Overviev	V

Quantity:	100 μL
Target:	SLITRK6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLITRK6 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SLITRK6
Sequence:	NFITVIEPSA FSKLNRLKVL ILNDNAIESL PPNIFRFVPL THLDLRGNQL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against SLITRK6. It was validated on Western Blot using a

# Target Details

Purification:

Target: SLITRK6

cell lysate as a positive control.

Affinity Purified

### Target Details

Alternative Name:	SLITRK6 (SLITRK6 Products)
Background:	Members of the SLITRK family, such as SLITRK6, are integral membrane proteins with 2 N-terminal leucine-rich repeat (LRR) domains similar to those of SLIT proteins. Most SLITRKs, including SLITRK6, also have C-terminal regions that share homology with neurotrophin receptors. SLITRKs are expressed predominantly in neural tissues and have neurite-modulating activity. Members of the SLITRK family, such as SLITRK6, are integral membrane proteins with 2 N-terminal leucine-rich repeat (LRR) domains similar to those of SLIT proteins (see SLIT1, MIM 603742). Most SLITRKs, including SLITRK6, also have C-terminal regions that share homology with neurotrophin receptors (see NTRK1, MIM 191315). SLITRKs are expressed predominantly in neural tissues and have neurite-modulating activity (Aruga et al., 2003 [PubMed 14557068]).[supplied by OMIM].  Alias Symbols: MGC119595, MGC119596, MGC119597 Protein Size: 841
Molecular Weight:	95 kDa
Gene ID:	84189
NCBI Accession:	NM_032229, NP_115605
UniProt:	Q9H5Y7
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 841 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

#### Handling

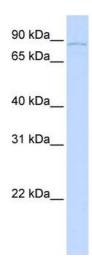
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Publications**

Product cited in:

Clayton, Daley, MacDonald, Fernandez-Vizarra, Bottegoni, ONeil, Major, Griffin, Zhuang, Adewoye, Woolcock, Jones, Goodyear, Elmesmari, Filer, Tennant, Alivernini, Buckley, Pitceathly et al.: "Inflammation causes remodeling of mitochondrial cytochrome c oxidase mediated by the bifunctional gene C15orf48. ..." in: **Science advances**, Vol. 7, Issue 50, pp. eabl5182, (2021) (PubMed).

#### **Images**



#### **Western Blotting**

Image 1. WB Suggested Anti-SLITRK6 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 721\_B cell lysate