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Datasheet for ABIN1394334

**anti-SLITRK6 antibody (AA 201-300) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	SLITRK6
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLITRK6 antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLITRK6
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	SLITRK6
Alternative Name:	SLITRK6 ( <a href="#">SLITRK6 Products</a> )
Background:	Synonyms: 4832410J21Rik, MGC119595, MGC119596, MGC119597, OTTHUMP00000066012,

## Target Details

SLIK6\_HUMAN, SLIT and NTRK like family member 6, SLIT and NTRK like protein 6, SLIT and NTRK-like protein 6, Slit and trk like 6, Slit and trk like gene 6, SLITRK 6, Slitrk6.

Background: The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic  $\beta$ / horseshoe fold, allowing it to accommodate several leucine residues within a tightly packed core. All LRR repeats contain a variable segment and a highly conserved segment, the latter of which accounts for 11 or 12 residues of the entire LRR motif. SLITRK6 (SLIT and NTRK-like family, member 6) is an 841 amino acid single-pass type I membrane protein that contains 16 LRR repeats and belongs to the SLITRK family. Expressed at high levels in select brain tissue, as well as in both adult and fetal lung, SLITRK6 functions to suppress neurite outgrowth, playing a role in the regulation of neuronal function. Multiple isoforms of SLITRK6 exist due to alternative splicing events.

Gene ID: 84189

UniProt: [Q9H5Y7](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1  $\mu$ g/ $\mu$ L

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months