

Datasheet for ABIN7270336
anti-SLIT2 antibody (AA 1330-1529)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SLIT2
Binding Specificity:	AA 1330-1529
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLIT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Slit2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1330-1529 of human Slit2 (NP_004778.1).
Sequence:	LPGCEPCHKK VCAHGTCQPS SQAGFTCECQ EGWMGPLCDQ RTNDPCLGNK CVHGTCLPIN AFSYSCKCLE GHGGVLCDEE EDLFNPCQAI KCKHGGKRLS GLGQPYCECS SGYTGDSCLR EISCRGERIR DYYQKQQGYA ACQTTKKVSR LECRGGCAGG QCCGPLRSKR RKYSFECTDG SSFVDEVEKV VKCGCTRCVS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: SLIT2

Alternative Name: SLIT2 ([SLIT2 Products](#))

Background: This gene encodes a member of the slit family of secreted glycoproteins, which are ligands for the Robo family of immunoglobulin receptors. Slit proteins play highly conserved roles in axon guidance and neuronal migration and may also have functions during other cell migration processes including leukocyte migration. Members of the slit family are characterized by an N-terminal signal peptide, four leucine-rich repeats, nine epidermal growth factor repeats, and a C-terminal cysteine knot. Proteolytic processing of this protein gives rise to an N-terminal fragment that contains the four leucine-rich repeats and five epidermal growth factor repeats and a C-terminal fragment that contains four epidermal growth factor repeats and the cysteine knot. Both full length and cleaved proteins are secreted extracellularly and can function in axon repulsion as well as other specific processes. Alternative splicing results in multiple transcript variants.,SLIT2,SLIL3,Slit-2,Signal Transduction,Neuroscience,SLIT2

Molecular Weight: 168kDa/169kDa

Gene ID: 9353

UniProt: [O94813](#)

Pathways: [Regulation of Actin Filament Polymerization](#), [Regulation of Cell Size](#), [Smooth Muscle Cell Migration](#)

Application Details

Application Notes: WB,1:200 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

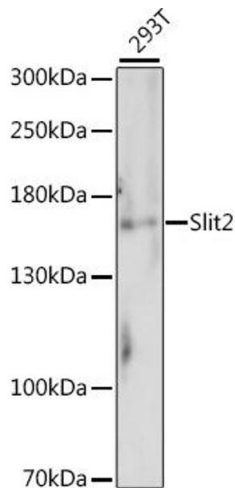
Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of 293T cells, using Slit2 antibody (ABIN7270336).Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.