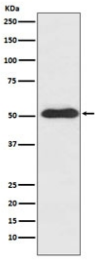
SLIT2 Antibody [clone ACGF-19] (RQ4797)

Catalog No.	Formulation	Size
RQ4797	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ACGF-19
Purity	Affinity purified
UniProt	O94813
Applications	Western blot: 1:500-1:2000
Limitations	This SLIT2 antibody is available for research use only.



Western blot testing of human SH-SY5Y cell lysate with SLIT2 antibody. Expected molecular weight: ~180-210 kDa (full length), ~140 kDa (N-terminal fragment), 55-60 kDa (C-terminal fragment).

Description

Slit homolog 2 protein is thought to act as molecular guidance cue in cellular migration, and function appears to be mediated by interaction with roundabout homolog receptors. During neural development involved in axonal navigation at the ventral midline of the neural tube and projection of axons to different regions. SLIT1 and SLIT2 seem to be essential for midline guidance in the forebrain by acting as repulsive signal preventing inappropriate midline crossing by axons projecting from the olfactory bulb. In spinal chord development may play a role in guiding commissural axons once they reached the floor plate by modulating the response to netrin. [UniProt]

Application Notes

Optimal dilution of the SLIT2 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human SLIT2 was used as the immunogen for the SLIT2 antibody.

Storage

Store the SLIT2 antibody at -20oC.

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