À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SLIT2

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:28730-1-AP

Informations de base

Numéro de catalogue:
28730-1-AP

Taille:
150ul , Concentration: 600 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG30428

Numéro d'acquisition GenBank:
NM_004787

Identification du gène (NCBI):
9353

Nom complet:
slit homolog 2 (Drosophila)

MW calculé
170 kDa

MW observés:
100 kDa, 200 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000

Applications

Applications testées:
WB, ELISA

Spécificité de l'espèce:
Humain

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa

Informations générales

SLIT2, also named as SLIL3, is thought to act as a molecular guidance cue in cellular migration, and function appears to be mediated by interaction with roundabout homolog receptors. During neural development is 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, SLIT2 may play a role in guiding commissural axons once they reached the floor plate by modulating the response to netrin. SLIT2 may be implicated in spinal chord midline post-crossing axon repulsion. In vitro, only commissural axons that crossed the midline responded to SLIT2. In the developing visual system it appears to function as repellent for retinal ganglion axons by providing a repulsion that directs these axons along their appropriate paths prior to, and after passage through, the optic chiasm. In vitro, it collapses and repels retinal ganglion cell growth cones. SLIT2 seems to play a role in branching and arborization of CNS sensory axons, and in neuronal cell migration. It seems to be involved in regulating leukocyte migration. The antibody is specific to SLIT2. Slit2 is cleaved into 140 kDa N-terminal (Slit2-N) and 55-60 kDa C-terminal (Slit2-C) fragments, although the uncleaved/full-length form(200) can also be detected.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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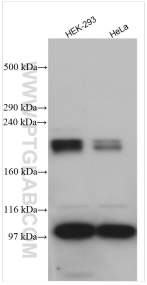
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 28730-1-AP (SLIT2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.