

SLIT1-Specific Polyclonal antibody

Catalog Number: 20216-1-AP

Basic Information

Catalog Number:

20216-1-AP

Size:

290 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003061

GeneID (NCBI):

6585

UNIPROT ID:

O75093

Full Name:

slit homolog 1 (Drosophila)

Calculated MW:

168 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse, rat

Background Information

SLIT1, also named as KIAA0813, MEGF4 and SLIL1, is thought to be act as molecular guidance cue in cellular migration, and function appears to be mediated by interaction with roundabout homolog receptors. During neural development it is involved in axonal navigation at the ventral midline of the neural tube and projection of axons to different regions. SLIT1 and SLIT2 together 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. This antibody is specific to SLIT1. It has no cross-reaction to SLIT2 and SLIT3. The antibody can't recognize the isoform B (91kd) of SLIT1.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

