

# SLIT1-Specific Polyclonal antibody

Catalog Number: 20216-1-AP

## Basic Information

**Catalog Number:**

20216-1-AP

**Size:**

150ul , Concentration: 293 µg/ml by Bradford method using BSA as the standard;

**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

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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