

Datasheet for ABIN1409450

anti-SLIT1 antibody (AA 455-500) (HRP)



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Overview

Quantity:	100 µL
Target:	SLIT1
Binding Specificity:	AA 455-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLIT1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Slit1/MEGF4
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SLIT1
Alternative Name:	Slit1/MEGF4 (SLIT1 Products)
Background:	Synonyms: MEGF 4, MEGF4, Multiple EGF like domains protein 4, Multiple epidermal growth

Target Details

factor like domains 4, Multiple epidermal growth factor like domains protein 4, SLIL 1, SLIL1, Slit 1, SLIT 3, Slit homolog 1, Slit homolog 1 protein, Slit-1, Slit1, SLIT3, KIAA0813, SLIT1_HUMAN.

Background: Secreted leucine-rich repeat-containing proteins 1-3 (Slit1-3) are secreted glycoproteins that influence axonal guidance and mediate normal neural development by acting as high-affinity signaling ligands for the repulsive guidance receptor, Roundabout (Robo) (1, 2). Within the developing central nervous system (CNS) of different vertebrate systems, Slit proteins are expressed in equivalent regions, suggesting a conserved function among vertebrate homologs (3,4). Slit is expressed in the midline of the central nervous system in both vertebrates and invertebrates, where it functions as a regulatory factor of mesodermal cell movement during gastrulation (5). Slit2 is a short range inhibitory guidance cue for retinal ganglion cell (RGC) axons that may mediate spatial progression of RGCs (6,7).

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months