

SLIT1 Conjugated Antibody

Catalog No: #C37950



Package Size: #C37950-AF350 100ul #C37950-AF405 100ul #C37950-AF488 100ul
 #C37950-AF555 100ul #C37950-AF594 100ul #C37950-AF647 100ul
 #C37950-AF680 100ul #C37950-AF750 100ul #C37950-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SLIT1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLIT1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human slit homolog 1 (Drosophila)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MEGF4; SLIL1; SLIT3; SLIT-1
Accession No.	Swiss-Prot#:O75093NCBI Gene ID:6585NCBI Protein#:NP_073740/Q8WWT9
Uniprot	O75093
GeneID	6585;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Slit homolog 1 protein is a protein that in humans is encoded by the SLIT1 gene. 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. By similarity, 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.

Note: This product is for in vitro research use only