

Rabbit SLIT1 Polyclonal Antibody | anti-SLIT1 antibody

SLIT1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288097	Rabbit	Mouse (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

SLIT1; Polyclonal Antibody; SLIT1 Antibody (N-term); Slit homolog 1 protein; Slit-1; Multiple epidermal growth factor-like domains protein 4; Multiple EGF-like domains protein 4; KIAA0813; MEGF4; SLIL1; anti-SLIT1 antibody

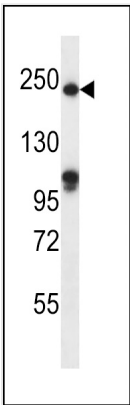
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLIT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 84-113 amino acids from the N-terminal region of human SLIT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	84-113
Sequence Length	1534
Applicable Applications for anti-SLIT1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
SLIT1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SLIT1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SLIT1 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the SLIT1 antibody detected the SLIT1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SLIT1 antibody	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.
Product Categories/Family for anti-SLIT1 antibody	Neuroscience
References	Marlow, R., et al. Cancer Res. 68(19):7819-7827(2008) Hussain, S.A., et al. J. Biol. Chem. 281(51):39693-39698(2006) Lin, L., et al. Stem Cells 24(11):2504-2513(2006) Lim, J., et al. Cell 125(4):801-814(2006) Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	188528675
NCBI GeneID	6585
NCBI Accession #	NP_003052.2
NCBI GenBank Nucleotide #	NM_003061.2
UniProt Accession #	O75093; Q5T0V1; Q8WWZ2; Q9UIL7
Molecular Weight	167926
NCBI Official Full Name	slit homolog 1 protein
NCBI Official Synonym Full Names	slit guidance ligand 1
NCBI Official Symbol	SLIT1
NCBI Official Synonym Symbols	MEGF4; SLIL1; SLIT3; SLIT-1
NCBI Protein Information	slit homolog 1 protein
UniProt Protein Name	Slit homolog 1 protein
UniProt Gene Name	SLIT1

UniProt Synonym Gene Names	KIAA0813; MEGF4; SLIL1; Slit-1; Multiple EGF-like domains protein 4
UniProt Entry Name	SLIT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slit1-antibody-immunohistochemistry-western-blot-elisa/288097>