

Rabbit SEMA6A Polyclonal Antibody | anti-SEMA6A antibody

SEMA6A Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289619	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

SEMA6A; Polyclonal Antibody; SEMA6A Antibody (C-term); Semaphorin-6A; Semaphorin VIA; Sema VIA; Semaphorin-6A-1; SEMA6A-1; KIAA1368; SEMAQ; anti-SEMA6A antibody

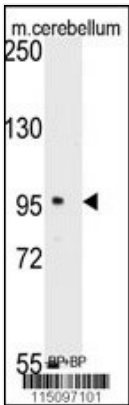
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SEMA6A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 998-1028 amino acids from the C-terminal region of human SEMA6A.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	998-1028
Sequence Length	1,047
Applicable Applications for anti-SEMA6A antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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.

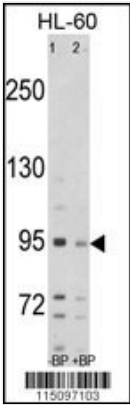
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with SEMA6A antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-SEMA6A Antibody (C-term) pre-incubated with(right lane) and without(left lane) blocking peptide in mouse cerebellum tissue lysate. SEMA6A (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of SEMA6A Antibody (C-term) Pab pre-incubated without(lane 1) and with(lane 2) blocking peptide in HL-60 cell line lysate. SEMA6A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SEMA6A antibody	SEMA6A can act as repulsive axon guidance cues. It may play a role in channeling sympathetic axons into the sympathetic chains and controlling the temporal sequence of sympathetic target innervation.
Product Categories/Family for anti-SEMA6A antibody	Neuroscience
References	Prislei,S., Mol. Cancer Ther. 7 (1), 233-241 (2008) KatoH,M., Int. J. Mol. Med. 20 (3), 405-409 (2007) Gautier,G., Am. J. Pathol. 168 (2), 453-465 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11991660
NCBI GeneID	57556
NCBI Accession #	NP_065847.1
NCBI GenBank Nucleotide #	NM_020796.4
UniProt Accession #	Q9H2E6; Q9P2H9

Molecular Weight	114395
NCBI Official Full Name	semaphorin-6A isoform 2
NCBI Official Synonym Full Names	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6A
NCBI Official Symbol	SEMA6A
NCBI Official Synonym Symbols	VIA; SEMA; HT018; SEMAQ; SEMA6A1
NCBI Protein Information	semaphorin-6A
UniProt Protein Name	Semaphorin-6A
UniProt Gene Name	SEMA6A
UniProt Synonym Gene Names	KIAA1368; SEMAQ; Sema VIA; SEMA6A-1
UniProt Entry Name	SEM6A_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/sema6a-antibody-western-blot-immunohistochemistry-elisa/289619>