

Rabbit anti-Human SEMA6A Polyclonal Antibody | anti-SEMA6A antibody

Anti-SEMA6A Antibody, Rabbit Polyclonal

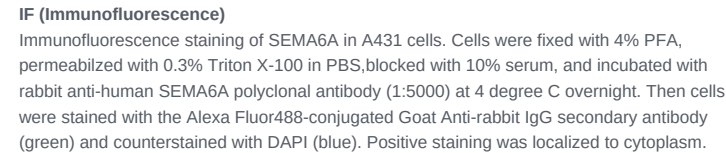
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255343	Rabbit	Human	Immunofluorescence, Immunocytochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

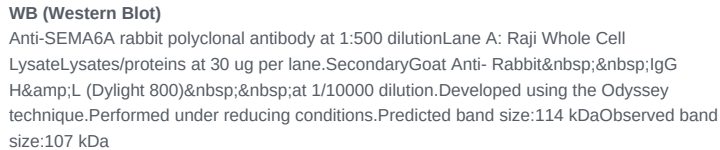
SEMA6A; Polyclonal Antibody; Anti-SEMA6A Antibody; Rabbit Polyclonal; SEMA6A Antibody; Rabbit PAb; Antigen Affinity Purified; sema domain; transmembrane domain (TM); and cytoplasmic domain; (semaphorin) 6A; Anti-HT018 Antibody; Anti-SEMA Antibody; Anti-SEMA6A1 Antibody; Anti-SEMAQ Antibody; Anti-VIA Antibody; anti-SEMA6A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SEMA6A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SEMA6A antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human SEMA6A Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human SEMA6A (rh SEMA6A). SEMA6A specific IgG was purified by Human SEMA6A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



Immunofluorescence staining of SEMA6A in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human SEMA6A polyclonal antibody (1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



Anti-SEMA6A rabbit polyclonal antibody at 1:500 dilution Lane A: Raji Whole Cell
Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG
H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey
technique. Performed under reducing conditions. Predicted band size: 114 kDa Observed band
size: 107 kDa

Related Product Information for anti-SEMA6A antibody	SEMA6A, the first identified class 6 semaphorin, is contributed to regulate vascular development and adult angiogenesis. SEMA6A could inhibit proliferation, migration, and invasion in different glioma cell lines. That SEMA6A may be a potential prognostic biomarker in the treatment of GBM. Among different semaphorins tested by reverse transcriptase-polymerase chain reaction in human immune cells, the expression of class 6 transmembrane semaphorin SEMA6A was restricted to dendritic cells (DCs).
References	Klostermann A., et al., 2000, J. Biol. Chem. 275:39647-53. Nagase T., et al., 2000, DNA Res. 7:65-73. Schmutz J., et al., 2004, Nature 431:268-74. Neufeld, G. et al., 2005, Front Biosci. 10 : 751-60. Fiore, R. et al., 2005, Mol Cell Biol. 25 (6):2310-9.

NCBI GI #	11991660
NCBI GeneID	57556
NCBI Accession #	NP_065847.1
NCBI GenBank Nucleotide #	NM_020796.4
UniProt Accession #	Q9H2E6; Q9P2H9
Molecular Weight	116,336 Da
NCBI Official Full Name	semaphorin-6A isoform 2
NCBI Official Synonym Full Names	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

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-immunofluorescence-immunocytochemistry-western-blot-elisa/255343>