

Rabbit SEMA4C Polyclonal Antibody | anti-SEMA4C antibody

SEMA4C Antibody (C-term)

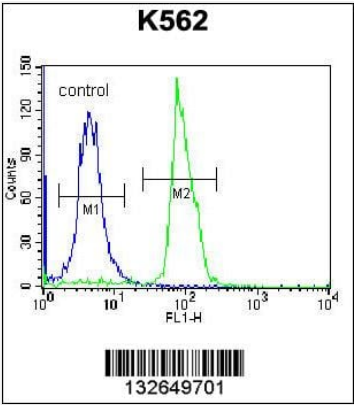
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284801	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

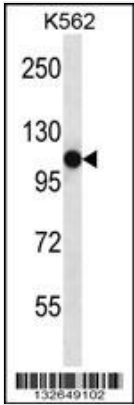
SEMA4C; Polyclonal Antibody; SEMA4C Antibody (C-term); Semaphorin-4C; KIAA1739; SEMA4; anti-SEMA4C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SEMA4C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 792-821 amino acids from the C-terminal region of human SEMA4C.
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	792-821
Sequence Length	833
Applicable Applications for anti-SEMA4C antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
SEMA4C Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
SEMA4C Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the SEMA4C antibody detected the SEMA4C protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SEMA4C antibody	Probable signaling receptor which may play a role in myogenic differentiation through activation of the stress-activated MAPK cascade.
Product Categories/Family for anti-SEMA4C antibody	Cell Biology; Developmental Biology; Neuroscience; Signal Transduction
References	Wu, H., et al. Eur. J. Cell Biol. 86(6):331-344(2007) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Inagaki, S., et al. J. Biol. Chem. 276(12):9174-9181(2001) Ohoka, Y., et al. Biochem. Biophys. Res. Commun. 280(1):237-243(2001) Wang, L.H., et al. J. Biol. Chem. 274(20):14137-14146(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	157388902
NCBI GeneID	54910
NCBI Accession #	NP_060259.4
NCBI GenBank Nucleotide #	NM_017789.4
UniProt Accession #	Q9C0C4; Q32MJ3; Q7Z5X0
Molecular Weight	92623
NCBI Official Full Name	semaphorin-4C
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4C
NCBI Official Symbol	SEMA4C
NCBI Official Synonym Symbols	SEMAF; SEMAI; SEMACL1; M-SEMA-F
NCBI Protein Information	semaphorin-4C
UniProt Protein Name	Semaphorin-4C
UniProt Gene Name	SEMA4C
UniProt Synonym Gene Names	KIAA1739; SEMAI

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/sema4c-antibody-flow-cytometry-western-blot-elisa/284801>