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SEMA4C Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13003b

Product Information

Application	FC, WB, E
Primary Accession	Q9C0C4
Other Accession	Q64151, NP_060259.4
Reactivity	Human, Mouse
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32649
Calculated MW	92623
Antigen Region	792-821

Additional Information

Gene ID	54910
Other Names	Semaphorin-4C, SEMA4C, KIAA1739, SEMAI
Target/Specificity	This SEMA4C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 792-821 amino acids of human SEMA4C.
Dilution	FC~~1:10~50 WB~~1:2000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SEMA4C Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SEMA4C
Synonyms	KIAA1739, SEMAI
Function	Cell surface receptor for PLXNB2 that plays an important role in cell-cell

signaling. PLXNB2 binding promotes downstream activation of RHOA and phosphorylation of ERBB2 at 'Tyr-1248'. Required for normal brain development, axon guidance and cell migration (By similarity). Probable signaling receptor which may play a role in myogenic differentiation through activation of the stress-activated MAPK cascade.

Cellular Location

Postsynaptic density membrane; Single-pass type I membrane protein. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass type I membrane protein

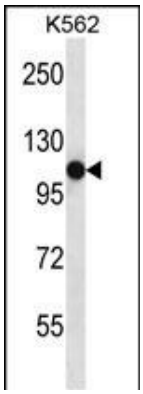
Background

Probable signaling receptor which may play a role in myogenic differentiation through activation of the stress-activated MAPK cascade.

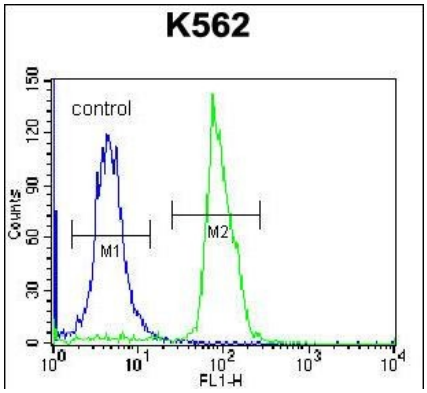
References

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Images



SEMA4C Antibody (C-term) (Cat. #AP13003b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the SEMA4C antibody detected the SEMA4C protein (arrow).



SEMA4C Antibody (C-term) (Cat. #AP13003b) 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.