

SEMA3C Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5075b

Product Information

Application	WB, E
Primary Accession	Q99985
Other Accession	Q62181 , A7MB70
Reactivity	Human, Mouse
Predicted	Bovine, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB22998
Calculated MW	85207
Antigen Region	592-620

Additional Information

Gene ID	10512
Other Names	Semaphorin-3C, Semaphorin-E, Sema E, SEMA3C, SEMAE
Target/Specificity	This SEMA3C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 592-620 amino acids from the C-terminal region of human SEMA3C.
Dilution	WB~~1:1000 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	SEMA3C Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SEMA3C
Synonyms	SEMAE
Function	Binds to plexin family members and plays an important role in the

regulation of developmental processes. Required for normal cardiovascular development during embryogenesis. Functions as attractant for growing axons, and thereby plays an important role in axon growth and axon guidance (By similarity).

Cellular Location

Secreted.

Tissue Location

Expressed intensely in the heart, skeletal muscle, colon, small intestine, ovary, testis, and prostate. Faint expression ubiquitously among other organs, including brain

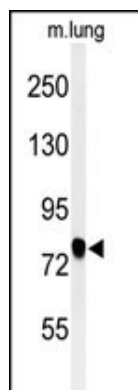
Background

SEMA3C may be involved in diverse cell survival mechanisms.

References

Esselens, C., et al. J. Biol. Chem. 285(4):2463-2473(2010)
Kodo, K., et al. Proc. Natl. Acad. Sci. U.S.A. 106(33):13933-13938(2009)
Johnson, A.D., et al. Hum. Mol. Genet. 18(14):2700-2710(2009)

Images



Western blot analysis of SEMA3C Antibody (C-term) (Cat. #AP5075b) in mouse lung tissue lysates (35ug/lane).SEMA3C (arrow) was detected using the purified Pab.

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