

Rabbit Semaphorin 5A Polyclonal Antibody | anti-SEMA5A antibody

Semaphorin 5A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288514	Rabbit	Human, mouse (Predicted Reactivity: Rat)	ELISA, Western Blot

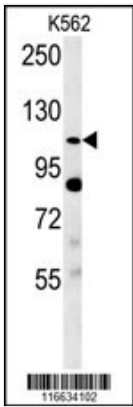
PRODUCT SYNONYMS

Semaphorin 5A; Polyclonal Antibody; Semaphorin 5A Antibody; Semaphorin-5A; Semaphorin-F; Sema F; SEMA5A; SEMAF; anti-SEMA5A antibody

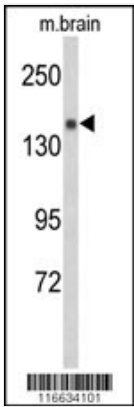
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Semaphorin 5A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-113 amino acids from human Semaphorin 5A.
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 purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.26 (varies by lot)
Sequence Positions	90-113
Sequence Length	1074
Applicable Applications for anti-SEMA5A antibody	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.

IMAGES



WB (Western Blot)
Semaphorin 5A-S106 Antibody western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the Semaphorin 5A antibody detected the Semaphorin 5A protein (arrow).



WB (Western Blot)
Western blot analysis of Semaphorin 5A-S106 Antibody in mouse brain tissue lysates (35ug/lane). Semaphorin 5A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SEMA5A antibody	Semaphorin 5A belongs to the semaphorin gene family that encodes membrane proteins containing a semaphorin domain and several thrombospondin type-1 repeats. Members of this family are involved in axonal guidance during neural development.
Product Categories/Family for anti-SEMA5A antibody	Neuroscience
References	Weiss,L.A., et.al., Nature 461 (7265), 802-808 (2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	147904700
NCBI GeneID	9037
NCBI Accession #	NP_003957.2
NCBI GenBank Nucleotide #	NM_003966.2
UniProt Accession #	Q13591; O60408; Q1RLL9; D3DTC6
Molecular Weight	120615
NCBI Official Full Name	semaphorin-5A
NCBI Official Synonym Full Names	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A
NCBI Official Symbol	SEMA5A
NCBI Official Synonym Symbols	semF; SEMAF
NCBI Protein Information	semaphorin-5A
UniProt Protein Name	Semaphorin-5A
UniProt Gene Name	SEMA5A
UniProt Synonym Gene Names	SEMAF; Sema F
UniProt Entry Name	SEM5A_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.

