

Rabbit anti-Human SEMA4G Polyclonal Antibody | anti-SEMA4G antibody

Anti-SEMA4G Antibody, Rabbit Polyclonal

CATALOG # AAA256564	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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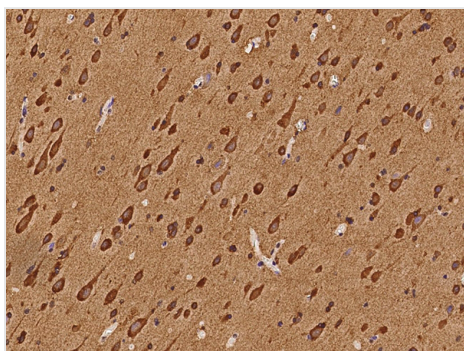
PRODUCT SYNONYMS

SEMA4G; Polyclonal Antibody; Anti-SEMA4G Antibody; Rabbit Polyclonal; SEMA4G Antibody; Rabbit PAb; Antigen Affinity Purified; semaphorin 4G; anti-SEMA4G antibody

PRODUCT SPECIFICATIONS

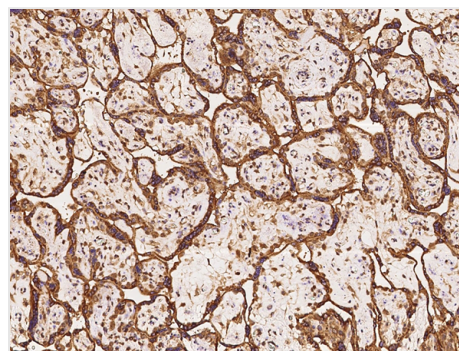
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SEMA4G
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SEMA4G antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human SEMA4G fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SEMA4G fragment, and purified by antigen 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. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human SEMA4G in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human SEMA4G in human placenta with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SEMA4G antibody	SEMA4G (Semaphorin 4G) is a Protein Coding gene. The SEMA4G gene, located on 10q24.31, is conserved in Rhesus monkey, dog, cow, mouse, rat, zebrafish, and frog. An important paralog of this gene is SEMA4C. SEMA4G is expressed early in development in the brain, spinal cord, and several sensory organs as well as specific populations of projection neurons, compatible with the well-established function of semaphorins as axon guidance molecules. Diseases associated with SEMA4G include Diffuse Glomerulonephritis and Kallmann Syndrome. SEMA4G may function as an oncogene or tumor suppressor to regulate tumor development in a type-specific manner. Among its related pathways are the NF-KappaB Family Pathway and Activation of cAMP-Dependent PKA.
References	Wu S, et al. (2017) The mir-608 rs4919510 polymorphism may modify cancer susceptibility based on type. Tumour Biol 39 (6): 1010428317703819.Maier V, et al. (2011) Semaphorin 4c and 4g are ligands of plexin-b2 required in cerebellar development. Mol Cell Neurosci 46 (2): 419-431.Li H, et al. (1999) Characterization and expression of sema4g, a novel member of the semaphorin gene family. Mech Dev 87 (1-2): 169-173.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/sema4g-antibody-immunohistochemistry-elisa/256564>