



SEMA3F Polyclonal Antibody

Catalog No	YP-Ab-04193
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA;IHC
Gene Name	SEMA3F
Immunogen	The antiserum was produced against synthesized peptide derived from human SEMA3F. AA range:734-783
Specificity	SEMA3F Polyclonal Antibody detects endogenous levels of SEMA3F protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	emaphorin-3F;SEMA4;SEMA-IV;SEMA3F;SemaIII/F;SemaIV;SEMAK;SemaphorinIV;Semaphorin-3F;Sema III/F;Semaphorin IV;Sema IV
Observed Band	88kD
Calculated Molecular Weight	88kD
Cell Pathway	Secreted .
Tissue Specificity	Expressed abundantly but differentially in a variety of neural and nonneural tissues. There is high expression in mammary gland, kidney, fetal brain, and lung and lower expression in heart and liver.
Function	developmental stage:Detected as early as embryonic day 10.,function:May play a role in cell motility and cell adhesion.,similarity:Belongs to the semaphorin family.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Sema domain.,tissue specificity:Expressed abundantly but differentially in a variety of neural and nonneural tissues. There is high expression in mammary gland, kidney, fetal brain, and lung and lower expression in heart and liver.,



Background

This gene encodes a member of the semaphorin III family of secreted signaling proteins that are involved in axon guidance during neuronal development. The encoded protein contains an N-terminal Sema domain, an immunoglobulin loop and a C-terminal basic domain. This gene is expressed by the endothelial cells where it was found to act in an autocrine fashion to induce apoptosis, inhibit cell proliferation and survival, and function as an anti-tumorigenic agent. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016],

matters needing attention

Avoid repeated freezing and thawing!

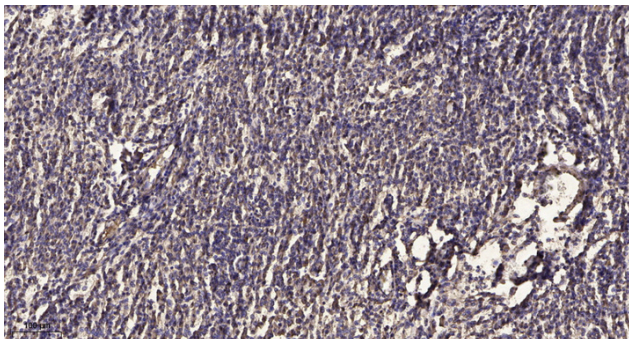
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysate from HeLa cells, using SEMA3F antibody.



Immunohistochemical analysis of paraffin-embedded human meningioma. 1, Antibody was diluted at 1:200(4 ° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).