Leader in Biomolecular Solutions for Life Science

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SEMA4F Rabbit pAb

Catalog No.: A10432

Basic Information

Observed MW
83kDa

Calculated MW
84kDa

Category
Polyclonal Antibody

Applications
WB,IHC-P,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

This gene encodes a transmembrane class IV semaphorin family protein, which plays a role in neural development. This gene may be involved in neurogenesis in prostate cancer, the development of neurofibromas, and breast cancer tumorigenesis. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
10505

Swiss Prot
O95754

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 280-420 of human SEMA4F (NP_004254.2).

Synonyms
S4F; SEMAM; SEMAW; M-SEMA; PRO2353; m-Sema-M; SEMA4F

Contact

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Product Information

Source
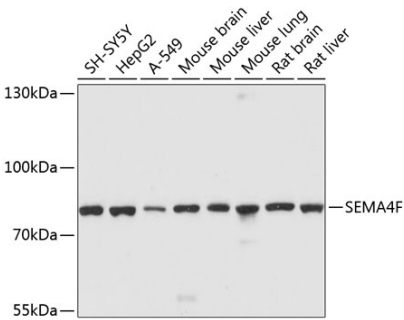Rabbit

Isotype
IgG

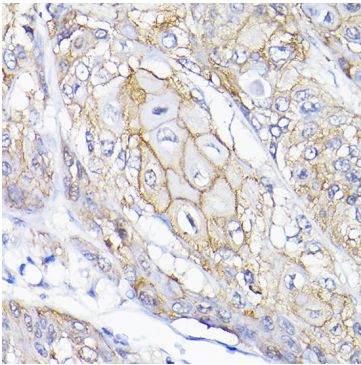**Purification**
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of various lysates using SEMA4F Rabbit pAb (A10432) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.

Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using SEMA4F Rabbit pAb (A10432) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.