

## SEM4F rabbit pAb

Cat No.: ES13160

For research use only

## Overview

Product Name SEM4F rabbit pAb

Host species Rabbit Applications WB

Species Cross-Reactivity Human; Mouse;Rat Recommended dilutions WB 1:500-2000

Immunogen Synthesized peptide derived from human SEM4F AA

range: 85-135

**Specificity** This antibody detects endogenous levels of SEM4F

at Human/Mouse/Rat

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name SEM4F

Gene Name SEMA4F SEMAM SEMAW

**Cell ular localization** Cell membrane ; Single-pass type I membrane

protein . Cell junction, synapse, postsynaptic density . Perikaryon . Cell projection, dendrite .

Colocalizes with DLG4 at synapses. .

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

ClonalityPolyclonalConcentration1 mg/mlObserved band85kDHuman Gene ID10505Human Swiss-Prot Number095754

Alternative Names Semaphorin-4F (Semaphorin-M) (Sema M)

(Semaphorin-W) (Sema W)

**Background** This gene encodes a transmembrane class IV

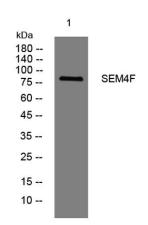
semaphorin family protein, which plays a role in neural development. This gene may be involved in neurogenesis in prostate cancer, the development of neurofibromas, and breast cancer tumorigenesis.



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Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012],

Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night



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