

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
Cellular 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.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	85kD
Human Gene ID	10505
Human Swiss-Prot Number	O95754
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.



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

