

Polyclonal Antibody to Semaphorin 3E (SEMA3E)

Semaphorin 3E
Catalog # AP74687

Product Information

Application	WB
Primary Accession	O42237
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90979

Additional Information

Gene ID	374089
Other Names	SEMAH; M-SemaK; M-sema H; coll-5; Sema Domain, Immunoglobulin Domain(Ig), Transmembrane Domain(TM)and Short Cytoplasmic Domain 3E
Target/Specificity	Chicken (Gallus)
Dilution	WB~~Western blotting: 0.2-2 μ g/mL;1:250-2500 Immunohistochemistry: 5-20 μ g/mL;1:25-100 Immunocytochemistry: 5-20 μ g/mL;1:25-100 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

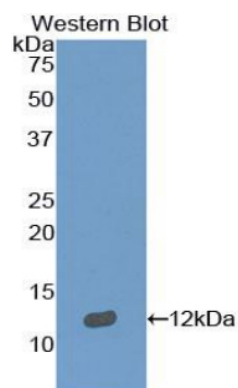
Protein Information

Name	SEMA3E
Synonyms	COLL5
Function	Plays an important role in signaling via the cell surface receptor PLXND1. Mediates reorganization of the actin cytoskeleton, leading to the retraction of cell projections. Promotes focal adhesion disassembly and inhibits adhesion of endothelial cells to the extracellular matrix. Regulates angiogenesis. Can down-regulate sprouting angiogenesis. Required for normal vascular patterning during embryogenesis. Induces the collapse and paralysis of neuronal growth cones. Plays an important role in ensuring the specificity of synapse formation (By similarity).
Cellular Location	Secreted.

Tissue Location

Collapsin-1, -2, -3, and -5 bind to overlapping but distinct axon tracts

Images



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