

SEMA3E antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15105

Product Information

Application	WB
Primary Accession	O15041
Other Accession	NM_012431 , NP_036563
Reactivity	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	89228

Additional Information

Gene ID	9723
Alias Symbol Other Names	KIAA0331, M-SEMAH, M-SemaK, SEMAH, coll-5 Semaphorin-3E, SEMA3E, KIAA0331, SEMAH
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SEMA3E antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SEMA3E antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

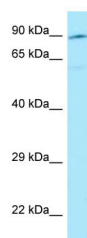
Protein Information

Name	SEMA3E
Synonyms	KIAA0331, SEMAH
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, both during embryogenesis and after birth. Can down-regulate sprouting angiogenesis. Required for normal vascular patterning during embryogenesis. Plays an important role in ensuring the specificity of synapse formation (By similarity).

References

Nagase T.,et al.DNA Res. 4:141-150(1997).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 424:157-164(2003).

Images



WB Suggested Anti-SEMA3E Antibody Titration: 1.0 µg/ml
Positive Control: 721_B Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.