

SEMA3E antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15105**Specification**

SEMA3E antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O15041
Other Accession	NM_012431 , NP_036563
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86kDa kDa

SEMA3E antibody - C-terminal region - Additional Information**Gene ID** 9723

Alias Symbol	KIAA0331, M-SEMAH, M-SemaK, SEMAH, coll-5
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Other Names

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.

SEMA3E antibody - C-terminal region - 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).

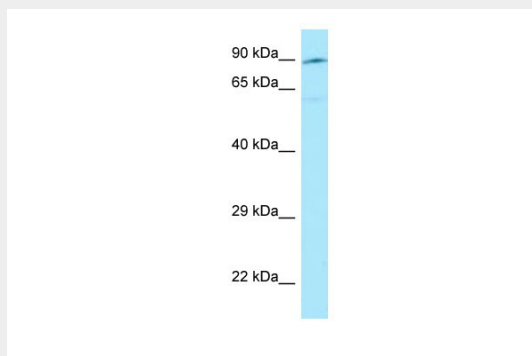
Cellular Location

Secreted.

SEMA3E antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SEMA3E antibody - C-terminal region - Images

WB Suggested Anti-SEMA3E Antibody Titration: 1.0 µg/ml

Positive Control: 721_B Whole Cell

SEMA3E antibody - C-terminal region - 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).