

Semaphorin 3E Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52023**Specification**

Semaphorin 3E Antibody - Product Information

Application	WB, E
Primary Accession	O15041
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	89 KDa

Semaphorin 3E Antibody - Additional Information**Gene ID** 9723**Other Names**

Semaphorin-3E, SEMA3E, KIAA0331, SEMAH

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Semaphorin 3E Antibody - 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.

Semaphorin 3E Antibody - 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](#)

Semaphorin 3E Antibody - Images

Semaphorin 3E Antibody - Background

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Semaphorin 3E Antibody - 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).