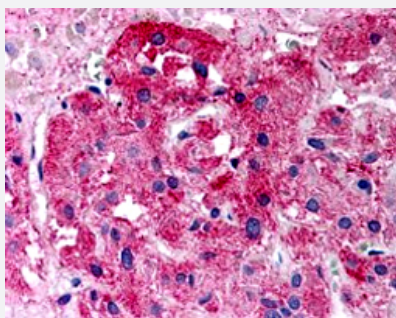


SEMA3E polyclonal antibody

Catalog # PAB6749 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

SEMA3E polyclonal antibody (Cat # PAB6749) (2.5 ug/mL) staining of paraffin embedded human adrenal gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of SEMA3E.

Immunogen A synthetic peptide corresponding to human SEMA3E.

Sequence C-KPEHYRLPRHTLDS

Host Goat

Theoretical MW (kDa) 89.2

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage ELISA (1:64000)
Immunohistochemistry (2-4 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

SEMA3E polyclonal antibody (Cat # PAB6749) (2.5 ug/mL) staining of paraffin embedded human adrenal gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SEMA3E

Entrez GeneID	9723
Protein Accession#	NP_036563.1
Gene Name	SEMA3E
Gene Alias	KIAA0331, M-SEMAH, M-SemaK, SEMAH, coll-5
Gene Description	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3E
Omim ID	214800 608166
Gene Ontology	Hyperlink
Gene Summary	Semaphorins, such as SEMA3E, are characterized by a conserved domain of about 500 amino acids. These proteins are involved in embryonic development, and some behave as neural guidance molecules.[supplied by OMIM]
Other Designations	semaphorin 3E

Publication Reference

- [Semaphorin 3E and plexin-D1 control vascular pattern independently of neuropilins.](#)

Gu C, Yoshida Y, Livet J, Reimert DV, Mann F, Merte J, Henderson CE, Jessell TM, Kolodkin AL, Ginty DD.

Science 2005 Jan; 307(5707):265.

Pathway

- [Axon guidance](#)

Disease

- [Tobacco Use Disorder](#)