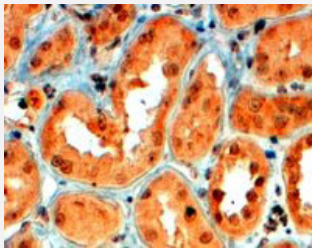


SEMA5A polyclonal antibody

Catalog # PAB7076 Size 100 ug

Applications



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

SEMA5A polyclonal antibody (Cat # PAB7076) (4 ug/mL) staining of paraffin embedded human kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SEMA5A.
Immunogen	A synthetic peptide corresponding to human SEMA5A.
Sequence	DEATKKACYSKGKS
Host	Goat
Theoretical MW (kDa)	121
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:128000) 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)

SEMA5A polyclonal antibody (Cat # PAB7076) (4 ug/mL) staining of paraffin embedded human kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SEMA5A

Entrez GeneID[9037](#)**Protein Accession#**[NP_003957.1](#)**Gene Name**

SEMA5A

Gene Alias

FLJ12815, SEMAF, semF

Gene Description

sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A

Omim ID[609297](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Members of the semaphorin protein family, such as SEMA5A, are involved in axonal guidance during neural development (Adams et al., 1996 [PubMed 8817451]).[supplied by OMIM]

Other Designations

OTTHUMP00000115584|sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, 5A|semaphorin 5A|semaphorin F

Publication Reference

- [High-resolution whole-genome association study of Parkinson disease.](#)

Maraganore DM, de Andrade M, Lesnick TG, Strain KJ, Farrer MJ, Rocca WA, Pant PV, Frazer KA, Cox DR, Ballinger DG.
American Journal of Human Genetics 2005 Nov; 77(5):685.

Pathway

- [Axon guidance](#)

Disease

- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Tobacco Use Disorder](#)