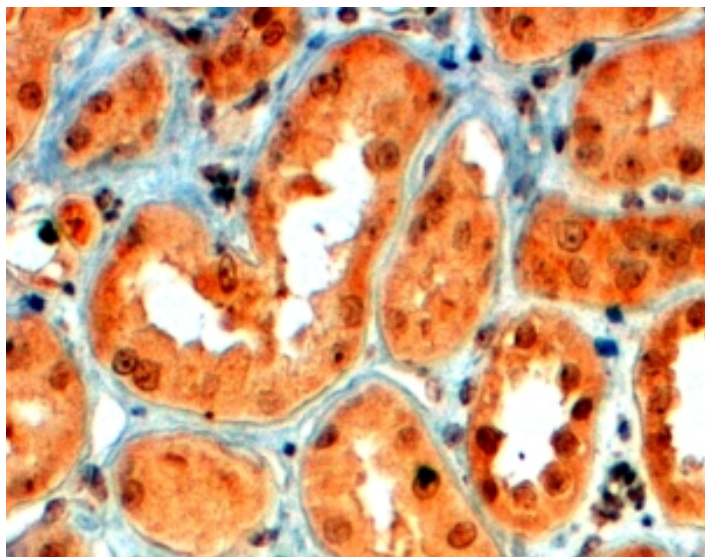


GOAT ANTI-SEMAPHORIN 5A ANTIBODY

SKU: EB07352



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / Alias Names sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane|semF|SEMAF|HGNC:10736|sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A|SEMA5A

Accession ID NP_003957.1

Blocking Peptide EBP07352

Immunogen Peptide with sequence DEATKKACYSKGKS, from the internal region of the protein sequence according to NP_003957.1.

Product Comments The immunizing peptide corresponds to a part of the extracellular domain.

Peptide Sequence DEATKKACYSKGKS

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human
Human Gene ID	9037
Mouse Gene ID	20356
Rat Gene ID	310207
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Kidney shows membranous and vesicular staining in PCT cells. Recommended concentration: 4-6µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Preliminary experiments gave an approx 90kDa in Mouse Brain lysates and approx 25kDa band in Human Brain (Cerebellum), Colon, Heart and Kidney lysates after 0.03µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 121kDa according to NP_003957.1. The 90kDa and 25kDa band were successfully blocked by incubation with the immunizing peptide.
Application Type	Pep-ELISA, IHC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

