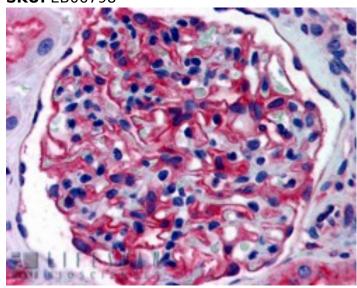




Telephone: (650) 697-3600

GOAT ANTI-AMINOPEPTIDASE A ANTIBODY

SKU: EB06798



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

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

Synonym /

Alias Names glutamyl aminopeptidase|CD249|gp160|APA|HGNC:3355|glutamyl aminopeptidase (aminopeptidase

A)|ENPEP|aminopeptidase A

Accession

NP_001968.3

Blocking

ID

Peptide

EBP06798

Immunogen

Peptide with sequence C-EQYQKTSLAQEKEK, from the internal region of the protein sequence according to NP_001968.3.

Peptide Sequence

C-EQYQKTSLAQEKEK

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Refrigerated





Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

Predicted

Human, Mouse, Rat, Dog, Pig, Cow

Species Reactive

Human, Rat **Species**

Human

2028

Gene ID Mouse

Gene ID

13809

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png Grade

IHC Results

In paraffin embedded Human Kidney shows staining of basement membrane and the mesangium in the

glomerulus. Recommended concentration: 3-5µg/ml.

ELISA

Detection Limit

Western

Antibody detection limit dilution 1:64000.

Blot

Approx 170kDa band observed in Human Brain and Testis lysates (calculated MW of 109kDa according to NP 001968.2). Primary incubation was for 1 hour. The observed molecular weight corresponds to earlier findings in literature with different antibodies (Ando et al, J Clin Endocrinol Metab. 2002 May;87(5):2303-9;

PMID: 11994381). Recommended concentration: 1-3µg/ml. This antibody has been successfully used in WB on

Rat: PMID: 28399178 and 25470983.

Application

Pep-ELISA, WB, IHC **Type**

SELECTED REFERENCES

[{"pmid": 25470983, "intro": "This antibody has been successfully used in WB on Rat:", "title": "Immunological detection of glutamyl aminopeptidase in urine samples from cisplatintreated rats.", "author": "Montoro-Molina S, Quesada A, Zafra-Ruiz PV, O'Valle F, Vargas F, de Gracia Mdel C, Osuna A, Wangensteen R", "journal": "Proteomics Clin Appl. 2015 Jun;9(5-6):630-5. "}, {"pmid": 28399178, "intro": "This antibody has been successfully used in WB on Rat:", "title":

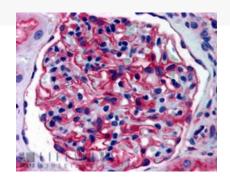
"Glutamyl aminopeptidase in microvesicular and exosomal fractions of urine is related with rena I dysfunction in cisplatin-treated rats.", "author": "Quesada A, Segarra AB, Montoro-Molina S, de Gracia MD, Osuna A, O'Valle F, Gómez-Guzmán M, Vargas F, Wangensteen R.", "journal": "PLoS One. 2017 Apr 11;12(4):e0175462"}]

GALLERY IMAGES



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250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

25kDa

20kDa

15kDa

10kDa