

ENPEP / Aminopeptidase A Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS12453**Specification**

ENPEP / Aminopeptidase A Antibody (Internal) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q07075
Reactivity	Human, Mouse, Rat, Monkey, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	109kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

ENPEP / Aminopeptidase A Antibody (Internal) - Additional Information**Gene ID** 2028**Other Names**

Glutamyl aminopeptidase, EAP, 3.4.11.7, Aminopeptidase A, AP-A, Differentiation antigen gp160, CD249, ENPEP

Target/Specificity

Human ENPEP.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

ENPEP / Aminopeptidase A Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

ENPEP / Aminopeptidase A Antibody (Internal) - Protein Information**Name** ENPEP**Function**

Regulates central hypertension through its calcium-modulated preference to cleave N-terminal acidic residues from peptides such as angiotensin II.

Cellular Location

Cell membrane; Single-pass type II membrane protein

Tissue Location

Expressed in choriocarcinoma cancer cell lines (at protein level) (PubMed:10692253). Expressed by epithelial cells of the proximal tubule cells and the glomerulus of the nephron. Also found in a

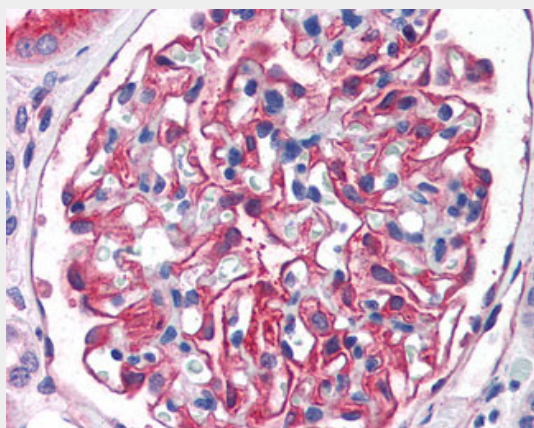
variety of other tissues.

ENPEP / Aminopeptidase A Antibody (Internal) - 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](#)

ENPEP / Aminopeptidase A Antibody (Internal) - Images



Anti-ENPEP antibody IHC of human kidney.

ENPEP / Aminopeptidase A Antibody (Internal) - Background

Appears to have a role in the catabolic pathway of the renin-angiotensin system. Probably plays a role in regulating growth and differentiation of early B-lineage cells.

ENPEP / Aminopeptidase A Antibody (Internal) - References

Nanus D.M., et al. Proc. Natl. Acad. Sci. U.S.A. 90:7069-7073(1993).
Li L., et al. Genomics 17:657-664(1993).
Hillier L.W., et al. Nature 434:724-731(2005).
Liu T., et al. J. Proteome Res. 4:2070-2080(2005).
Chen R., et al. J. Proteome Res. 8:651-661(2009).