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# ENPEP / Aminopeptidase A Antibody (Internal)

**Goat Polyclonal Antibody**
**Catalog # ALS12453**

## Specification

### ENPEP / Aminopeptidase A Antibody (Internal) - Product Information

| | |
|---|---|
| Application | **IHC** |
| Primary Accession | Q07075 |
| Reactivity | **Human, Mouse, Rat, Monkey, Bovine** |
| Host | **Goat** |
| Clonality | **Polyclonal** |
| Calculated MW | **109kDa KDa** |

### 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.

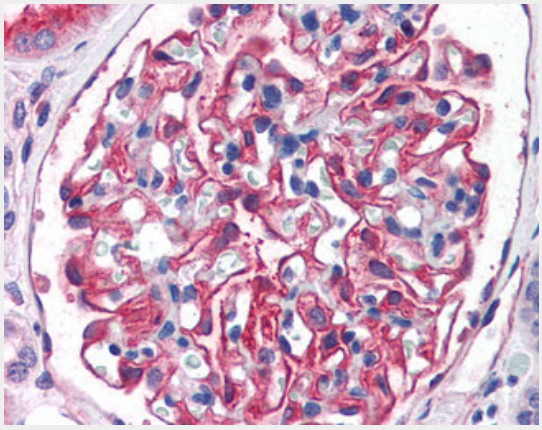
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## ENPEP / Aminopeptidase A Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).
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Liu T.,et al.J. Proteome Res. 4:2070-2080(2005).
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