

ENPEP / Aminopeptidase A Antibody
Rabbit Polyclonal Antibody
Catalog # ALS13249**Specification**

ENPEP / Aminopeptidase A Antibody - Product Information

Application	WB, IHC
Primary Accession	Q07075
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109kDa KDa

ENPEP / Aminopeptidase A Antibody - 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 Glutamyl aminopeptidase. Predicted cross-reactivity based on amino acid sequence homology: mouse (85%), rat (86%), bovine (89%), pig (90%).

Reconstitution & Storage

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

Precautions

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

ENPEP / Aminopeptidase A Antibody - 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.

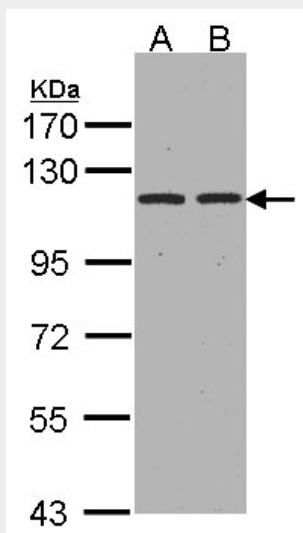
Volume
50 μ l

ENPEP / Aminopeptidase A Antibody - Protocols

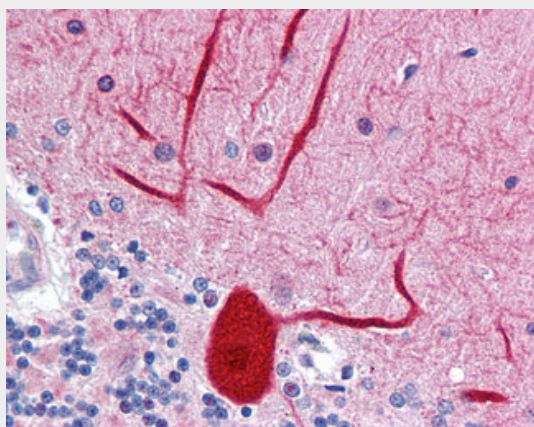
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

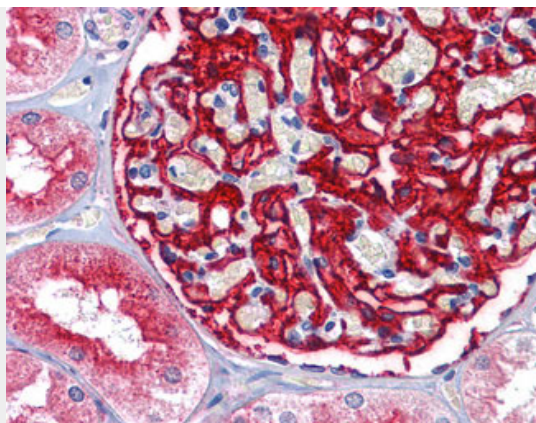
ENPEP / Aminopeptidase A Antibody - Images



Sample(30 ug whole cell lysate).



Anti-ENPEP antibody IHC of human brain, cerebellum.



Anti-ENPEP antibody IHC of human kidney.

ENPEP / Aminopeptidase A Antibody - 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 - 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).