10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ENPEP Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP12090b

Specification

ENPEP Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q07075

ENPEP Antibody (C-term) Blocking peptide - Additional Information

Gene ID 2028

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ENPEP Antibody (C-term) Blocking peptide - 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 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

ENPEP Antibody (C-term) Blocking peptide - Images

ENPEP Antibody (C-term) Blocking peptide - Background

ENPEP 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 Antibody (C-term) Blocking peptide - References

Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010)Rose, J. Phd, et al. Mol. Med. (2010) In press :Perez, I., et al. Head Neck 31(10):1335-1340(2009)Sevalle, J., et al. J. Neurochem. 109(1):248-256(2009)Teranishi, J., et al. Prostate 68(15):1666-1673(2008)