

DPP3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11232b**Specification**

DPP3 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9NY33](#)**DPP3 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 10072**Other Names**

Dipeptidyl peptidase 3, Dipeptidyl aminopeptidase III, Dipeptidyl arylamidase III, Dipeptidyl peptidase III, DPP III, Enkephalinase B, DPP3

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.

DPP3 Antibody (C-term) Blocking peptide - Protein Information**Name** DPP3**Function**

Cleaves and degrades bioactive peptides, including angiotensin, Leu-enkephalin and Met-enkephalin (PubMed:3233187, PubMed:1515063). Also cleaves Arg-Arg-beta-naphthylamide (in vitro) (PubMed:9425109, PubMed:3233187, PubMed:11209758).

Cellular Location

Cytoplasm, cytosol

Tissue Location

Detected in placenta (at protein level) (PubMed:3233187). Detected in erythrocytes (at protein level) (PubMed:1515063).

DPP3 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

DPP3 Antibody (C-term) Blocking peptide - Images

DPP3 Antibody (C-term) Blocking peptide - Background

This gene encodes a protein that is a member of the M49 family of metallopeptidases. This cytoplasmic protein binds a single zinc ion with its zinc-binding motif (HELLGH) and has post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Increased activity of this protein is associated with endometrial and ovarian cancers. Alternate transcriptional splice variants have been characterized.

DPP3 Antibody (C-term) Blocking peptide - References

Shukla, A.A., et al. FEBS J. 277(8):1861-1875(2010) Salopek-Sondi, B., et al. Biol. Chem. 389(2):163-167(2008) Gevaert, K., et al. Proteomics 5(14):3589-3599(2005) Abramic, M., et al. Int. J. Biochem. Cell Biol. 36(3):434-446(2004) Hillman, R.T., et al. Genome Biol. 5 (2), R8 (2004) :