

DPEP2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP4765b**Specification**

DPEP2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9H4A9](#)**DPEP2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 64174**Other Names**
Dipeptidase 2, DPEP2**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.

DPEP2 Antibody (C-term) Blocking Peptide - Protein Information**Name** DPEP2**Function**

Dipeptidase that hydrolyzes leukotriene D4 (LTD4) into leukotriene E4 (LTE4) (PubMed:32325220). Hydrolyzes cystinyl-bis- glycine (PubMed:32325220).

Cellular Location

Membrane {ECO:0000250|UniProtKB:Q8C255}; Lipid- anchor, GPI-anchor
{ECO:0000250|UniProtKB:Q8C255}

DPEP2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DPEP2 Antibody (C-term) Blocking Peptide - Images

DPEP2 Antibody (C-term) Blocking Peptide - Background

DPEP2 belongs to the membrane-bound dipeptidase (EC 3.4.13.19) family. These enzymes hydrolyze a variety of dipeptides, including leukotriene D4, the beta-lactam ring of some antibiotics, and cystinyl-bis-glycine (cys-bis-gly) formed during glutathione degradation.

DPEP2 Antibody (C-term) Blocking Peptide - References

Willer, C.J., et al. Nat. Genet. 40(2):161-169(2008)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Habib, G.M., et al. FASEB J. 17(10):1313-1315(2003)