

PGPEP1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11685a

Specification

PGPEP1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O9NXJ5](#)

PGPEP1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 54858

Other Names

Pyroglutamyl-peptidase 1, 5-oxopropyl-peptidase, Pyroglutamyl aminopeptidase I, PAP-I, Pyroglutamyl-peptidase I, PGP-I, Pyrrolidone-carboxylate peptidase, PGPEP1, PGPI

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.

PGPEP1 Antibody (N-term) Blocking peptide - Protein Information

Name PGPEP1

Synonyms PGPI

Function

Removes 5-oxoproline from various penultimate amino acid residues except L-proline.

Cellular Location

Cytoplasm.

PGPEP1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PGPEP1 Antibody (N-term) Blocking peptide - Images

PGPEP1 Antibody (N-term) Blocking peptide - Background

Three different forms of human pancreatic procarboxypeptidase A have been isolated. This gene encodes a form which is obtained as a binary complex of a procarboxypeptidase A with proproteinase E and functions as a secretory granule metalloexopeptidase.

PGPEP1 Antibody (N-term) Blocking peptide - References

Pejler, G., et al. Trends Immunol. 30(8):401-408(2009) Chen, Z.Q., et al. World J. Gastroenterol. 10(3):342-347(2004) Huang, H., et al. Cancer Res. 59(12):2981-2988(1999) Dikov, M.M., et al. J. Biol. Chem. 269(41):25897-25904(1994) Natsuaki, M., et al. J. Invest. Dermatol. 99(2):138-145(1992)