

PGPEP1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11685a

Specification

PGPEP1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9NXJ5
Other Accession	O76IC5 , O9ESW8 , NP_060182.1
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	23138
Antigen Region	22-51

PGPEP1 Antibody (N-term) - 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

Target/Specificity

This PGPEP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-51 amino acids from the N-terminal region of human PGPEP1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PGPEP1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PGPEP1 Antibody (N-term) - Protein Information

Name PGPEP1

Synonyms PGPI

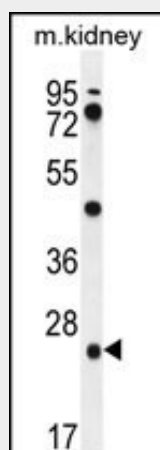
Function Removes 5-oxoproline from various penultimate amino acid residues except L-proline.

Cellular Location
Cytoplasm.

PGPEP1 Antibody (N-term) - 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](#)

PGPEP1 Antibody (N-term) - Images

PGPEP1 Antibody (N-term) (Cat. #AP11685a) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the PGPEP1 antibody detected the PGPEP1 protein (arrow).

PGPEP1 Antibody (N-term) - Background

Pyroglutamyl peptidase I (EC 3.4.19.3) catalyzes the hydrolysis of N-terminal pyroglutamyl residues from oligopeptides and proteins.

PGPEP1 Antibody (N-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Valdivia, A., et al. Regul. Pept. 122(2):79-84(2004)
Minderman, H., et al. Clin. Cancer Res. 10(5):1826-1834(2004)
Dando, P.M., et al. Protein Expr. Purif. 28(1):111-119(2003)
Gil, J., et al. Neuropeptides 35 (5-6), 276-284 (2001) :