10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

PGPEP1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11685a

Specification

PGPEP1 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q9NXJ5
Other Accession	Q76IC5, Q9ESW8, 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-oxoprolyl-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

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Synonyms PGPI

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

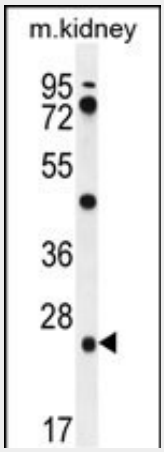
Cellular Location
Cytoplasm.

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 Cytomety
- 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)
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