

For Research Use Only

PAM Polyclonal antibody

Catalog Number: 15464-1-AP

1 Publications



Basic Information

Catalog Number:

15464-1-AP

Size:

240 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7762

GenBank Accession Number:

BC018127

GeneID (NCBI):

5066

UNIPROT ID:

P19021

Full Name:

peptidylglycine alpha-amidating
monooxygenase

Calculated MW:

108 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Background Information

PAM (Peptidyl-glycine alpha-amidating monooxygenase) is a multifunctional protein containing 2 enzymes, PHM and PAL. The PAM protein containing the peptide encoded by exon A (Type B mRNA) is cleaved to form 41- and 43-kDa proteins, and the 75 kDa PAM protein is determined by lacking antigenic exon B (Type A) (PMID:1740449). The substrate specificity of PAM is broad, and production of all α-amidated peptides may be dependent upon proteins encoded by the single copy PAM gene (PMID:8436961). It has 6 isoforms produced by alternative splicing.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|----------------|-----------|-------------|-------------|
| Saraon Punit P | 22908226 | J Biol Chem | WB |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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