

For Research Use Only

PAM Polyclonal antibody

Catalog Number: 15464-1-AP **1 Publications**



Basic Information

Catalog Number: 15464-1-AP	GenBank Accession Number: BC018127	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 240 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5066	
Source: Rabbit	Full Name: peptidylglycine alpha-amidating monooxygenase	
Isotype: IgG	Calculated MW: 108 kDa	
Immunogen Catalog Number: AG7762		

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 75kDa 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

*** 20ul sizes contain 0.1% BSA

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