

# PAM Rabbit pAb

Catalog No.: A15077 **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

108kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse

## Background

This gene encodes a multifunctional protein. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme includes two domains with distinct catalytic activities, a peptidylglycine alpha-hydroxylating monooxygenase (PHM) domain and a peptidyl-alpha-hydroxyglycine alpha-amidating lyase (PAL) domain. These catalytic domains work sequentially to catalyze the conversion of neuroendocrine peptides to active alpha-amidated products. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

5066

### Swiss Prot

P19021

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 800 to the C-terminus of human PAM (NP\_620176.1).

### Synonyms

PAL; PHM; PAM

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.