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Datasheet for ABIN7162789

anti-PAM antibody (AA 338-497) (HRP)

Overview

| | |
|----------------------|----------------------------------------|
| Quantity: | 100 µg |
| Target: | PAM |
| Binding Specificity: | AA 338-497 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PAM antibody is conjugated to HRP |
| Application: | ELISA |

Product Details

| | |
|-------------------|--------------------------------------------------------------------------------------|
| Immunogen: | Recombinant Human Peptidyl-glycine alpha-amidating monooxygenase protein (338-497AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | PAM |
| Alternative Name: | PAM (PAM Products) |
| Background: | Background: Bifunctional enzyme that catalyzes 2 sequential steps in C-terminal alpha-amidation of peptides. The monooxygenase part produces an unstable peptidyl(2- |

Target Details

hydroxyglycine) intermediate that is dismutated to glyoxylate and the corresponding desglycine peptide amide by the lyase part. C-terminal amidation of peptides such as neuropeptides is essential for full biological activity.

Aliases: AMD_HUMAN antibody, PAL antibody, PAM antibody, Pancreatic peptidylglycine alpha amidating monooxygenase antibody, Peptidyl alpha amidating enzyme antibody, Peptidyl alpha hydroxyglycine alpha amidating lyase antibody, Peptidyl-alpha-hydroxyglycine alpha-amidating lyase antibody, Peptidylamidoglycolate lyase antibody, Peptidylglycine 2 hydroxylase antibody, Peptidylglycine alpha amidating monooxygenase antibody, Peptidylglycine alpha hydroxylating monooxygenase antibody, PHM antibody

UniProt: [P19021](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.