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Datasheet for ABIN7162788

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

Overview

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

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

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.