

Datasheet for ABIN7435106
anti-PAM antibody (AA 21-288)

3 Images

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Overview

Quantity:	100 µL
Target:	PAM
Binding Specificity:	AA 21-288
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Peptidylglycine Alpha Amidating Monooxygenase (PAM)
Immunogen:	Recombinant Peptidylglycine Alpha Amidating Monooxygenase (PAM) corresponding to Phe21~Cys288 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PAM. It has been selected for its ability to recognize PAM in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

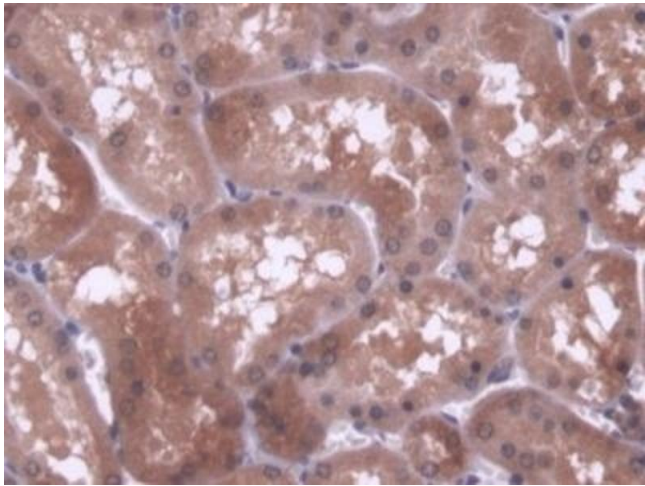
Target:	PAM
Alternative Name:	Peptidylglycine Alpha Amidating Monooxygenase (PAM Products)
Background:	PAL, PHM, Peptidylamidoglycolate lyase, Peptidyl-Alpha-hydroxyglycine Alpha-amidating Lyase, Peptidylglycine Alpha-Hydroxylating Monooxygenase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

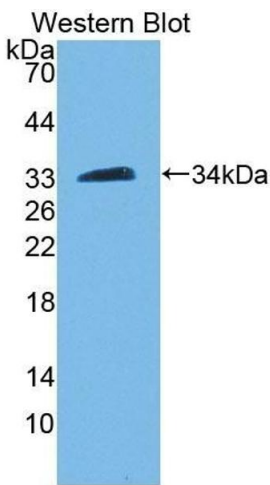
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



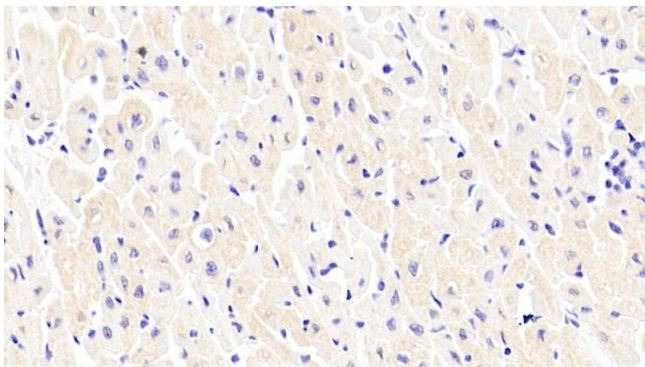
Immunohistochemistry

Image 1. Detection of PAM in Human Kidney Tissue using Polyclonal Antibody to Peptidylglycine Alpha Amidating Monooxygenase (PAM)



Western Blotting

Image 2. Detection of Recombinant PAM, Human using Polyclonal Antibody to Peptidylglycine Alpha Amidating Monooxygenase (PAM)



Immunohistochemistry

Image 3. Detection of PAM in Human Cardiac Muscle Tissue using Polyclonal Antibody to Peptidylglycine Alpha Amidating Monooxygenase (PAM)