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anti-PAM antibody (C-Term)





Overview

Quantity:	100 μg
Target:	PAM
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PAM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PAM / PAL
Immunogen:	C-DQEKEDDGSESEE
Sequence:	DQEKEDDGSE SEE
Isotype:	IgG
Specificity:	This antibody is expected to recognise all reported isoforms (NP_000910.2, NP_620121.1, NP_620176.1 and NP_620177.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PAM
Alternative Name:	PAM (PAM Products)
Background:	PAM, PAL, peptidylglycine alpha-amidating monooxygenase, PHM, pancreatic peptidylglycine alpha-amidating monooxygenase, peptidyl alpha-amidating enzyme, peptidyl-alpha-hydroxyglycine alpha-amidating lyase, peptidylglycine 2-hydroxylase, peptidylglycine a
Gene ID:	5066
NCBI Accession:	NP_000910, NP_620121, NP_620176, NP_620177
Application Details	
Application Notes:	Western Blot: Approx 100 kDa band observed in Human Kidney lysates (calculated MW of 101 kDa according to preproprotein NP_620121.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

250kDa 150kDa 150kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Image 1. ABIN238682 (1 μ g/ml) staining of Human Kidney lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.