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anti-PAM antibody (N-Term)



Image



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Overview	
Quantity:	100 μL
Target:	PAM
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAM antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PAM
Sequence:	PKGVGFRVGG ETGSKYFVLQ VHYGDISAFR DNNKDCSGVS LHLTRLPQPL
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PAM. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	PAM

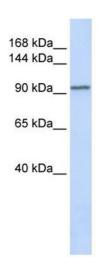
Target Details

Alternative Name:	PAM (PAM Products)
Background:	PAM is a multifunctional protein. It has two enzymatically active domains with catalytic
	activities-peptidylglycine alpha-hydroxylating monooxygenase (PHM) and peptidyl-alpha-
	hydroxyglycine alpha-amidating lyase (PAL). These catalytic domains work sequentially to
	catalyze neuroendocrine peptides to active alpha-amidated products. This gene encodes a
	multifunctional protein. It has two enzymatically active domains with catalytic activities -
	peptidylglycine alpha-hydroxylating monooxygenase (PHM) and peptidyl-alpha-hydroxyglycine
	alpha-amidating lyase (PAL). These catalytic domains work sequentially to catalyze
	neuroendocrine peptides to active alpha-amidated products. Multiple alternatively spliced
	transcript variants encoding different isoforms have been described for this gene but some of
	their full length sequences are not yet known.
	Alias Symbols: PAL, PHM
	Protein Interaction Partner: UBC, CALM1, UHMK1, RASSF9, KALRN, TSC2, PRKCA, TSC1,
	Protein Size: 974
Molecular Weight:	108 kDa
Gene ID:	5066
NCBI Accession:	NM_000919, NP_000910
UniProt:	A6NMR0
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 974 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-PAM Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 721_B cell lysate