

ARG64440 anti-PAM / PAL antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PAM / PAL
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognise all reported isoforms (NP_000910.2; NP_620121.1; NP_620176.1 and NP_620177.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PAM / PAL
Species	Human
Immunogen	C-DQEKEDDGSESEE
Conjugation	Un-conjugated
Alternate Names	Peptidylamidoglycolate lyase; PHM; EC 4.3.2.5; Peptidyl-glycine alpha-amidating monooxygenase; EC 1.14.17.3; PAL; PAM

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 5066 Human Swiss-port # P19021 Human
Background	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. [provided by RefSeq, Jul 2008]
Research Area	Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	108 kDa

Images



ARG64440 anti-PAM / PAL antibody WB image

Western Blot: Human Kidney lysate (35 µg protein in RIPA buffer) stained with ARG64440 anti-PAM / PAL antibody at 1 µg/ml dilution.