

## 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 ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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.