



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

Fax: +44 (0)1869 238327

## US Office

### Everest Biotech c/o Abcore

405 Maple Street, Suite A106  
Ramona,  
CA 92065  
USA

Inquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[usasales@everestbiotech.com](mailto:usasales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08374 - Goat Anti-PAM / PAL Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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 alpha-hydroxylating monooxygenase

**Official Symbol:** PAM

**Accession Number(s):** NP\_000910.2; NP\_620121.1; NP\_620176.1; NP\_620177.1

**Human GeneID(s):** [5066](#)

**Important Comments:** This antibody is expected to recognise all reported isoforms (NP\_000910.2; NP\_620121.1; NP\_620176.1 and NP\_620177.1).

### Immunogen

Peptide with sequence C-DQEKEDDGSESEE, from the C Terminus of the protein sequence according to NP\_000910.2; NP\_620121.1; NP\_620176.1; NP\_620177.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Approx 100kDa band observed in Human Kidney lysates (calculated MW of 101kDa according to preproprotein NP\_620121.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08374 (1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.