



Goat anti-PAM / PAL Antibody

Item Number	dAP-1328
Target Molecule	Principle Name: PAM / PAL; Official Symbol: PAM; All Names and Symbols: 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; Accession Number (s): NP_000910.2; NP_620121.1; NP_620176.1; NP_620177.1; Human Gene ID(s): 5066; Non-Human GeneID(s):
Immunogen	DQEKEDDGSESEE, is from C Terminus This antibody is expected to recognise all reported isoforms (NP_000910.2; NP_620121.1; NP_620176.1 and NP_620177.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	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.
IHC	
Reference	Reference(s): Glauder J, Ragg H, Rauch J, Engels JW. Human peptidylglycine alpha-amidating monooxygenase: cDNA, cloning and functional expression of a truncated form in COS cells. Biochem Biophys Res Commun. 1990 Jun 15;169(2):551-8..PMID: 2357221 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**