



AMD Polyclonal Antibody

Catalog No BYab-07161 Isotype IgG Reactivity Human;Rat;Mouse Applications WB;ELISA Gene Name PAM Protein Name Peptidyl-glycine alpha-amidating monooxygenase (PAM) [Includes: Peptidyl-alpha-hydroxyglycine alpha-amidating lyase (EC 4.3.2.5) Immunogen Synthesized peptide derived from human protein . at AA range: 380-460 Specificity AMD Polyclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 107kD Cell Pathway Cytoplasmic vesicle, secretory vesicle membrane; Single-pass membrane protein. Secretory granules.; [Isoform 1]; Membrane, Single-pass type I membrane protein.; [Isoform 3]; Secreted. Secreted from secretory granules.; [Isoform 4]: Secreted from secretory granules.; [Isoform 4]: Secreted. Secreted from secretory granules.; [Isoform 4]: Secreted. Secreted from s		
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	EDTA, phenylglyoxal and diethyl pyrocarbonate.,function:Bifunctional enzyme that catalyzes 2 sequential steps in C-terminal alpha-amidation of peptides. The monooxygenase part produces an unstable peptidyl(2-hydroxyglycine) intermediate that is dismutated to glyoxylate and the corresponding desglycine peptide amide by the lyase part. C-terminal amidation of peptides such as neuropep
Background	This gene encodes a multifunctional protein. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme includes two domains with distinct catalytic activities, a peptidylglycine alpha-hydroxylating monooxygenase (PHM) domain and a peptidyl-alpha-hydroxyglycine alpha-amidating lyase (PAL) domain. These catalytic domains work sequentially to catalyze the conversion of neuroendocrine peptides to active alpha-amidated products. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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