



AMD Monoclonal Antibody

Catalog NoBYmab-07161IsotypeIgGReactivityHuman;Rat;MouseApplicationsWBGene NamePAMProtein NamePeptidyl-glycine alpha-amidating monooxygenase (PAM) [Includes: Peptidyl/glycine alpha-amidating monooxygenase (PAM) [EC 1.14.17.3); Peptidyl/alpha-hydroxylyling monooxygenase (PAM) [EC 1.14.17.3); Peptidyl/alpha-hydroxylyling alpha-amidating typase [EC 4.32.5]ImmunogenSynthesized peptide derived from human protein . at AA range: 380-460SpecificityAMD Monoclonal Antibody detects endogenous levels of protein.FormulationLiquid in PBS containing 50% glycerol, and 0.02% sodium azide.SourceMonoclonal, Mouse,IgGPurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsCytoplasmic vesicle, secretory vesicle membrane; Single-pass membrane protein . Secretory granules.: [Isoform 3]. Secreted from secretory granules.; [Isoform 4]: secreted Secreted from secretory granules.; [Isoform 4]: secreted Secreted from secretory granules.; [Isoform 4]: secreted Secreted from secretory granules.; [Isoform 3]. Secreted from secretory granules.; [Isoform 4]: secreted Secreted from secretory granules.; [Isoform 4]: secreted from secretory granules.; [Isoform 4]: secreted from sec		
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Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658

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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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