

AMD Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14196
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 380-460
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Peptidyl-glycine alpha-amidating monooxygenase
Synonyms	Peptidyl-glycine alpha-amidating monooxygenase ;PAM [Includes: Peptidylglycine alpha-hydroxylating monooxygenase ;PHM;EC 1.14.17.3; Peptidyl-alpha-hydroxyglycine alpha-amidating lyase ;EC 4.3.2.5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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