Rabbit anti-Human PAM Polyclonal Antibody | anti-PAM antibody

PAM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234418	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, ELISA, Western Blot**

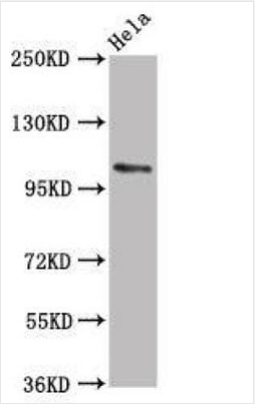
PRODUCT SYNONYMS

PAM; Polyclonal Antibody; PAM Antibody; Peptidyl-glycine alpha-amidating monooxygenase; Peptidylglycine alpha-hydroxylating monooxygenase; PHMPeptidyl-alpha-hydroxyglycine alpha-amidating lyase; Peptidylamidoglycolate lyase; PAL; anti-PAM antibody

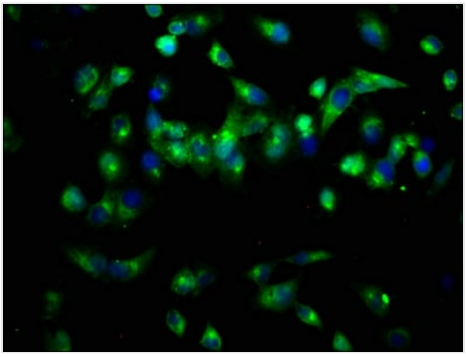
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	974
Applicable Applications for anti-PAM antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human Peptidyl-glycine alpha-amidating monooxygenase protein (338-497AA)
Species	Homo sapiens (Human)
Research Area	Neuroscience
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

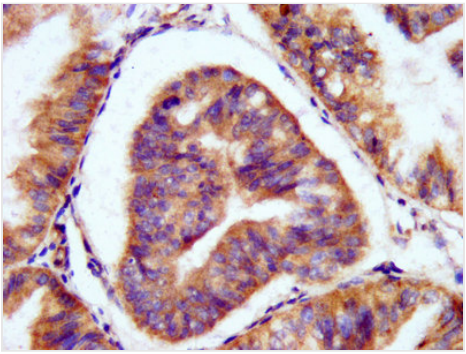
IMAGES



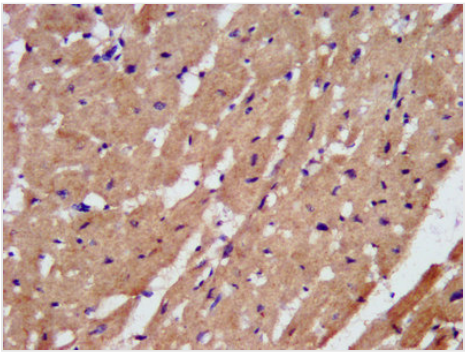
WB (Western Blot)
Western BlotPositive WB detected in: Hela whole cell lysateAll lanes: PAM antibody at 5.6?g/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 109, 97, 101, 99, 107 kDaObserved band size: 109 kDa



IHC (Immunohistochemisry)
Immunofluorescence staining of Hela cells with AAA234418 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C.The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohiostchemistry)
IHC image of AAA234418 diluted at 1:200 and staining in paraffin-embedded human endometrial cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)
IHC image of AAA234418 diluted at 1:200 and staining in paraffin-embedded human heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-PAM antibody	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 neuropeptides is essential for full biological activity.
Product Categories/Family for anti-PAM antibody	Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21070984
NCBI GeneID	5066
NCBI Accession #	NP_000910.2
NCBI GenBank Nucleotide #	NM_000919.3
UniProt Accession #	P19021; O43211; O95080; Q16252; Q16253; Q54A45; Q86U53; Q8WVC7; Q9UCG0; A6NMR0; A8K293
NCBI Official Full Name	peptidyl-glycine alpha-amidating monooxygenase isoform a

NCBI Official Synonym Full Names	peptidylglycine alpha-amidating monooxygenase
NCBI Official Symbol	PAM
NCBI Official Synonym Symbols	PAL; PHM
NCBI Protein Information	peptidyl-glycine alpha-amidating monooxygenase
UniProt Protein Name	Peptidyl-glycine alpha-amidating monooxygenase
UniProt Gene Name	**PAM**
UniProt Synonym Gene Names	PAM; PHM; PAL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/pam-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234418