

Rabbit PTMA Polyclonal Antibody | anti-PTMA antibody

PTMA Antibody (N-term)

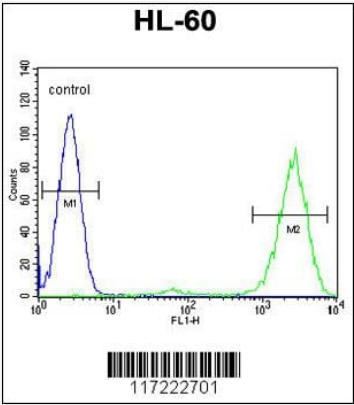
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288930	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

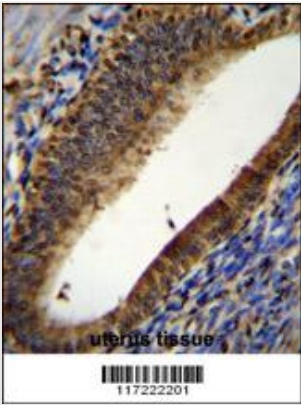
PTMA; Polyclonal Antibody; PTMA Antibody (N-term); Prothymosin alpha; N-terminally processed; Thymosin alpha-1; TMSA; anti-PTMA antibody

PRODUCT SPECIFICATIONS

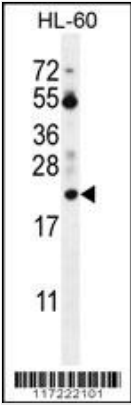
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PTMA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-31 amino acids from the N-terminal region of human PTMA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	1-31
Sequence Length	110
Applicable Applications for anti-PTMA antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Prothymosin alpha may mediate immune function by conferring resistance to certain opportunistic infections.
Cellular Location	Nucleus
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PTMA Antibody (N-term) (AAA288930) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
PTMA Antibody (N-term) (AAA288930) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PTMA Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PTMA Antibody (N-term) (AAA288930) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the PTMA antibody detected the PTMA protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-PTMA antibody	Cell Biology; Signal transduction
References	Qi, X., et al. Biochemistry 49(9):1923-1930(2010) Skopeliti, M., et al. Mol. Immunol. 46(5):784-792(2009) Pawlikowski, M., et al. Folia Histochem. Cytobiol. 47(4):559-562(2009) Zakharova, N.I., et al. Mol. Biol. (Mosk.) 42(4):673-684(2008) Gudbjartsson, D.F., et al. Nat. Genet. 40(5):609-615(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	151101407
NCBI GeneID	5757
NCBI Accession #	NP_001092755.1; NP_002814.3
NCBI GenBank Nucleotide #	NM_001099285.1
UniProt Accession #	P06454; Q15249; Q15592
Molecular Weight	12203

NCBI Official Full Name	prothymosin alpha isoform 1
NCBI Official Synonym Full Names	prothymosin, alpha
NCBI Official Symbol	PTMA
NCBI Official Synonym Symbols	TMSA
NCBI Protein Information	prothymosin alpha
UniProt Protein Name	Prothymosin alpha
UniProt Gene Name	PTMA
UniProt Synonym Gene Names	TMSA
UniProt Entry Name	PTMA_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptma-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288930>