

PTMA Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11770a

Specification

PTMA Antibody (N-term) - Product Information

Application	WB, FC, IHC-P,E
Primary Accession	P06454
Other Accession	P06302 , P26350 , P01252 , NP_001092755.1 , NP_002814.3
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	12203
Antigen Region	1-31

PTMA Antibody (N-term) - Additional Information

Gene ID 5757

Other Names

Prothymosin alpha, Prothymosin alpha, N-terminally processed, Thymosin alpha-1, PTMA, TMSA

Target/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.

Dilution

WB~~1:1000
FC~~1:10~50
IHC-P~~1:50~100
E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PTMA Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PTMA Antibody (N-term) - Protein Information

Name PTMA

Synonyms TMSA

Function Prothymosin alpha may mediate immune function by conferring resistance to certain opportunistic infections.

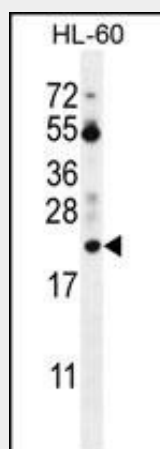
Cellular Location
Nucleus.

PTMA Antibody (N-term) - Protocols

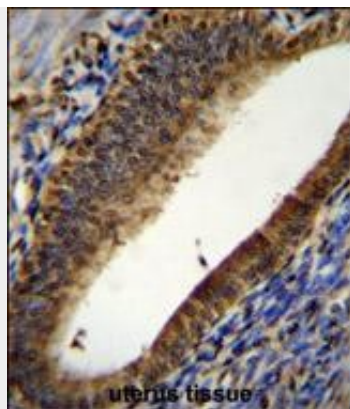
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

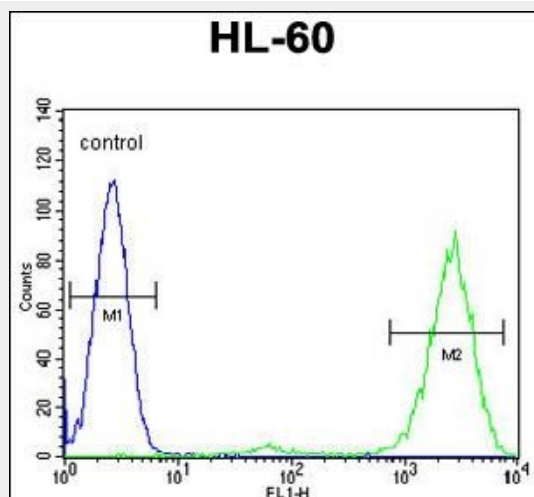
PTMA Antibody (N-term) - Images



PTMA Antibody (N-term) (Cat. #AP11770a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the PTMA antibody detected the PTMA protein (arrow).



PTMA Antibody (N-term) (Cat. #AP11770a) 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.



PTMA Antibody (N-term) (Cat. #AP11770a) 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.

PTMA Antibody (N-term) - Background

Prothymosin alpha may mediate immune function by conferring resistance to certain opportunistic infections.

PTMA Antibody (N-term) - 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)