

Rabbit anti-Human, Rat POLRMT Polyclonal Antibody | anti-POLRMT antibody

POLRMT Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313598	Rabbit	Human, Rat	Immunofluorescence, Western Blot

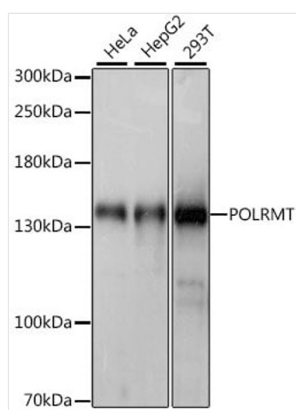
PRODUCT SYNONYMS

POLRMT; Polyclonal Antibody; POLRMT Rabbit Polyclonal Antibody; APOLMT; MTRNAP; MTRPOL; h-mtRPOL; anti-POLRMT antibody

PRODUCT SPECIFICATIONS

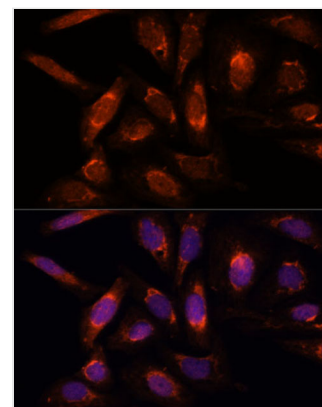
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-POLRMT antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human POLRMT (NP_005026.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



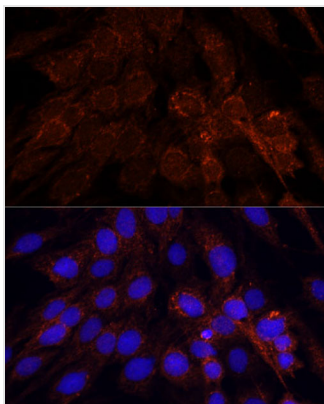
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using POLRMT at 1:1000 dilution.



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using POLRMT at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using POLRMT at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-POLRMT antibody	This gene encodes a mitochondrial DNA-directed RNA polymerase. The gene product is responsible for mitochondrial gene expression as well as for providing RNA primers for initiation of replication of the mitochondrial genome. Although this polypeptide has the same function as the three nuclear DNA-directed RNA polymerases, it is more closely related to RNA polymerases of phage and mitochondrial polymerases of lower eukaryotes.
Product Categories/Family for anti-POLRMT antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	110618253
NCBI GeneID	5442
NCBI Accession #	NP_005026
NCBI GenBank Nucleotide #	NM_005035
UniProt Accession #	O00411; O60370
Molecular Weight	138,620 Da
NCBI Official Full Name	DNA-directed RNA polymerase, mitochondrial
NCBI Official Synonym Full Names	polymerase (RNA) mitochondrial (DNA directed)
NCBI Official Symbol	POLRMT
NCBI Official Synonym Symbols	APOLMT; MTRNAP; MTRPOL; h-mtRPOL
NCBI Protein Information	DNA-directed RNA polymerase, mitochondrial
UniProt Protein Name	DNA-directed RNA polymerase, mitochondrial
UniProt Gene Name	POLRMT
UniProt Synonym Gene Names	MtRPOL
UniProt Entry Name	RPOM_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/polrmt-antibody-immunofluorescence-western-blot-elisa/313598>