

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

POLRMT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327962	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Immunocytochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

POLRMT; Polyclonal Antibody; POLRMT Antibody; APOLMT; DNA-directed RNA polymerase; DNA-directed RNA polymerase mitochondrial; h-mtRPOL; mitochondrial; MTRNAP; MtRPOL; polymerase (RNA) mitochondrial (DNA directed); polymerase; RNA; RPOM; RPOM_HUMAN; anti-POLRMT antibody

PRODUCT SPECIFICATIONS

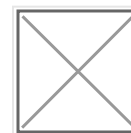
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	1230
Applicable Applications for anti-POLRMT antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human POLRMT, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



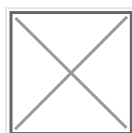
IF (Immunofluorescence)

AAA327962 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA327962 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA327962 at 1/100 staining mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-rabbit Ab was used as the secondary Ab.



WB (Western Blot)

Western blot analysis of POLRMT using MCF7 whole cell lysates

NCBI AND UNIPROT INFORMATION

NCBI GI #	110618253
NCBI GeneID	5442
NCBI Accession #	NP_005026.3
NCBI GenBank Nucleotide #	NM_005035.3
UniProt Accession #	O00411; O60370
Molecular Weight	139 kDa
NCBI Official Full Name	DNA-directed RNA polymerase, mitochondrial
NCBI Official Synonym Full Names	RNA polymerase mitochondrial
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

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-immunohistochemistry-immunocytochemistry-western-blot-elisa/327962>