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Datasheet for ABIN6978437

anti-POLRMT antibody (AA 951-1050) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	POLRMT
Binding Specificity:	AA 951-1050
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLRMT antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human mtRNA polymerase
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	POLRMT
Alternative Name:	mtRNA polymerase (POLRMT Products)

Target Details

Background: Synonyms: APOLMT, DNA-directed RNA polymerase, DNA-directed RNA polymerase mitochondrial, h-mtRPOL, mitochondrial, MTRNAP, MtRPOL, POLRMT, polymerase (RNA) mitochondrial (DNA directed), polymerase, RNA, mitochondrial, RPOM, RPOM_HUMAN.
Background: 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. [provided by RefSeq, Jul 2008]

Gene ID: 5442

UniProt: [O00411](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months