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Datasheet for ABIN7159875

anti-C20orf72 antibody (AA 81-260) (Biotin)

Overview

Quantity:	100 µg
Target:	C20orf72 (MGME1)
Binding Specificity:	AA 81-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C20orf72 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Mitochondrial genome maintenance exonuclease 1 protein (81-260AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	C20orf72 (MGME1)
Alternative Name:	MGME1 (MGME1 Products)
Background:	Background: Metal-dependent single-stranded DNA (ssDNA) exonuclease involved in mitochondrial genome maintenance. Has preference for 5'-3' exonuclease activity but is also

Target Details

capable of endonuclease activity on linear substrates. Necessary for maintenance of proper 7S DNA levels. Probably involved in mitochondrial DNA (mtDNA) repair, possibly via the processing of displaced DNA containing Okazaki fragments during RNA-primed DNA synthesis on the lagging strand or via processing of DNA flaps during long-patch base excision repair.

Specifically binds 5-hydroxymethylcytosine (5hmC)-containing DNA in stem cells.

Aliases: MGME1 antibody, C20orf72 antibody, DDK1 Mitochondrial genome maintenance exonuclease 1 antibody, EC 3.1.-.- antibody

UniProt: [Q9BQP7](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.