



PRODUCT DATA SHEET

Bioworld Technology, Inc.

MGME1 polyclonal antibody

Catalog: BS34410

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Mitochondrial genome maintenance exonuclease 1: Metal-dependent single-stranded DNA (ssDNA) exonuclease involved in mitochondrial genome maintenance. Has preference for 5'-3' exonuclease activity but is also 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

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~39.4 kDa

Swiss-Prot:

Q9BQP7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of MGME1 protein

DATA:

Western blot analysis of CNPase expression in C6 (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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