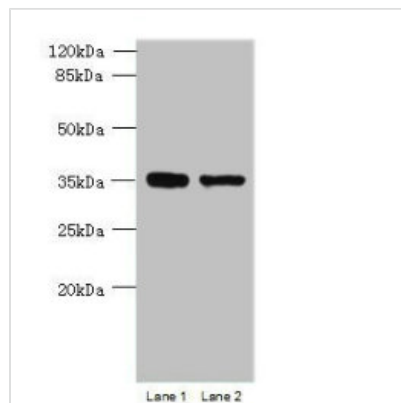




MGME1 Antibody

Product Code	CSB-PA880084LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9BQP7
Immunogen	Recombinant Human Mitochondrial genome maintenance exonuclease 1 protein (81-260AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Mitochondrial genome maintenance exonuclease 1 (EC 3.1.-.-), MGME1, C20orf72 DDK1
Species	Human
Research Area	Others
Target Names	MGME1
Image	



Western blot

All lanes: MGME1 antibody at 1 μ g/ml

Lane 1: Jurkat whole cell lysate

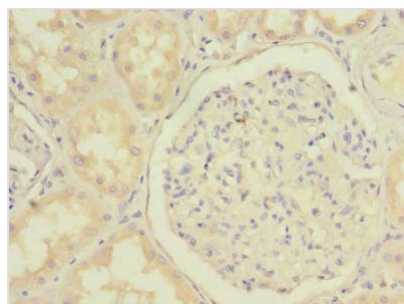
Lane 2: 293T whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 39 kDa

Observed band size: 39 kDa



Immunohistochemistry of paraffin-embedded

human kidney tissue using CSB-

PA880084LA01HU at dilution of 1:100