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# Datasheet for ABIN6263408 anti-Mitochondrially Encoded ATP Synthase 8 (MT-ATP8) (Internal Region) antibody



Overview

Quantity:100 µLTarget:Mitochondrially Encoded ATP Synthase 8 (MT-ATP8)Binding Specificity:Internal RegionReactivity:HumanHost:RabbitClonality:PolyclonalConjugate:Un-conjugatedApplication:Western Blotting (WB), ELISAProduct DetailsA synthesized peptide derived from human MT-ATP8, corresponding to a region within the internal amino acids.Isotype:IgG		
Binding Specificity:Internal RegionReactivity:HumanHost:RabbitClonality:PolyclonalConjugate:Un-conjugatedApplication:Western Blotting (WB), ELISAProduct DetailsImmunogen:A synthesized peptide derived from human MT-ATP8, corresponding to a region within the internal amino acids.	Quantity:	100 µL
Reactivity:HumanHost:RabbitClonality:PolyclonalConjugate:Un-conjugatedApplication:Western Blotting (WB), ELISAProduct DetailsA synthesized peptide derived from human MT-ATP8, corresponding to a region within the internal amino acids.	Target:	Mitochondrially Encoded ATP Synthase 8 (MT-ATP8)
Host:RabbitClonality:PolyclonalConjugate:Un-conjugatedApplication:Western Blotting (WB), ELISAProduct DetailsVestern Blotting (WB), ELISAImmunogen:A synthesized peptide derived from human MT-ATP8, corresponding to a region within the internal amino acids.	Binding Specificity:	Internal Region
Clonality:PolyclonalConjugate:Un-conjugatedApplication:Western Blotting (WB), ELISAProduct DetailsVestern Blotting (WB), ELISAImmunogen:A synthesized peptide derived from human MT-ATP8, corresponding to a region within the internal amino acids.	Reactivity:	Human
Conjugate: Un-conjugated   Application: Western Blotting (WB), ELISA   Product Details Immunogen:   A synthesized peptide derived from human MT-ATP8, corresponding to a region within the internal amino acids.	Host:	Rabbit
Application: Western Blotting (WB), ELISA   Product Details Immunogen:   A synthesized peptide derived from human MT-ATP8, corresponding to a region within the internal amino acids.	Clonality:	Polyclonal
Product Details   Immunogen: A synthesized peptide derived from human MT-ATP8, corresponding to a region within the internal amino acids.	Conjugate:	Un-conjugated
Immunogen: A synthesized peptide derived from human MT-ATP8, corresponding to a region within the internal amino acids.	Application:	Western Blotting (WB), ELISA
internal amino acids.	Product Details	
Isotype: IgG	Immunogen:	
	Isotype:	lgG

Specificity:	MT-ATP8 Antibody detects endogenous levels of total MT-ATP8.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink $^{TM}$ Coupling
	Resin (Thermo Fisher Scientific).

#### Target Details

Target:	Mitochondrially Encoded ATP Synthase 8 (MT-ATP8)
Alternative Name:	MT-ATP8 (MT-ATP8 Products)

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### Target Details

Background:	Description: Mitochondrial membrane ATP synthase (F1F0 ATP synthase or Complex V)
	produces ATP from ADP in the presence of a proton gradient across the membrane which is
	generated by electron transport complexes of the respiratory chain. F-type ATPases consist of
	two structural domains, F1 - containing the extramembraneous catalytic core and F0 -
	containing the membrane proton channel, linked together by a central stalk and a peripheral
	stalk. During catalysis, ATP synthesis in the catalytic domain of F1 is coupled via a rotary
	mechanism of the central stalk subunits to proton translocation. Part of the complex F0
	domain. Minor subunit located with subunit a in the membrane (By similarity).
	Gene: MT-ATP8
Molecular Weight:	8 kDa
Gene ID:	4509
UniProt:	P03928
Pathways:	Proton Transport, Ribonucleoside Biosynthetic Process

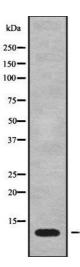
## Application Details

Application Notes:	WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

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### Western Blotting

**Image 1.** Western blot analysis of MT-ATP8 using Jurkat whole cell lysates

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