antibodies -online.com







anti-MT-ATP6 antibody (Internal Region)





Overview		
Quantity:	100 μL	
Target:	MT-ATP6	
Binding Specificity:	Internal Region	
Reactivity:	Human, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MT-ATP6 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunocytochemistry (ICC)	

Product Details

Immunogen:	A synthesized peptide derived from human MT-ATP6, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	MT-ATP6 Antibody detects endogenous levels of total MT-ATP6.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	MT-ATP6
Alternative Name:	MT-ATP6 (MT-ATP6 Products)

Target Details

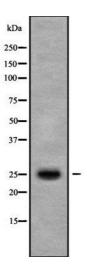
Storage Comment:

Expiry Date:

rargerbetane	
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. Key component of the proton
	channel, it may play a direct role in the translocation of protons across the membrane.
	Gene: MT-ATP6
Molecular Weight:	25 kDa
Gene ID:	4508
UniProt:	P00846
Pathways:	Proton Transport, Ribonucleoside Biosynthetic Process
Application Dataile	
Application Details	
Application Notes:	WB 1:1000-3000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit lgG 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

Store at -20 °C. Stable for 12 months from date of receipt.

12 months



Western Blotting

Image 1. Western blot analysis of MT-ATP6 using LOV0 whole cell lysates