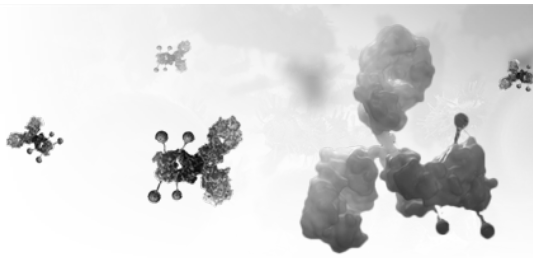

Anti-MT-ATP6 (aa 1-100) polyclonal antibody (DPABH-10248)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Mitochondrial membrane ATP synthase (F(1)F(0) 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, F(1) - containing the extramembraneous catalytic core and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) 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.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human MT-ATP6.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide

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Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	MT-ATP6 mitochondrially encoded ATP synthase 7 [Homo sapiens]
Official Symbol	MT-ATP6
Synonyms	MT-ATP6; mitochondrially encoded ATP synthase 6; ATPase6; MTATP6; ATP6; ATP synthase F0 subunit 6;
Entrez Gene ID	4508
UniProt ID	P00846
Pathway	Alzheimers disease; Electron Transport Chain; F-type ATPase, eukaryotes; Huntingtons disease

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