



Rabbit Anti-MT-CO3 Polyclonal Antibody (CABT-L508R)

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

PRODUCT INFORMATION

Immunogen	cytochrome c oxidase III peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IP, IHC, ELISA Recommended dilution: IHC: 1:50-1:500 WB: 1:300-1:800 IP : 0.5-4.0 µg
Molecular Weight	32-35 kDa
Positive Control	Positive WB detected in mouse brain tissue, C2C12 cell; positive IP detected in mouse heart tissue; positive IHC detected in mouse cerebellum tissue, mouse kidney tissue
Format	Liquid
Concentration	Lot specific
Size	150 µl
Buffer	0.1M NaHCO ₃ , 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.

Preservative	0.02% sodium azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.
Ship	Wet ice

BACKGROUND

Introduction	MTCO3 (cytochrome c oxidase subunit III) is a mitochondrial DNA encoded subunit of respiratory Complex IV which is located within the mitochondrial inner membrane and is the final enzyme of the electron transport chain of mitochondrial oxidative phosphorylation. The predicted MW of MTCO3 is 30 kDa, while it had been observed as 23 kDa in some papers.
Keywords	COIII;COXIII;cytochrome c oxidase III;Cytochrome c oxidase subunit 3;MT CO3;MTCO3

GENE INFORMATION

Gene Name	MT-CO3
Entrez Gene ID	4514
UniProt ID	P00414