

MT-CO3 Polyclonal Antibody

catalog number: E-AB-65644

Note: Centrifuge before opening to ensure complete recovery of vial contents.

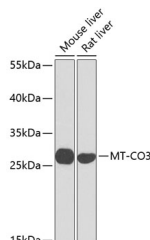
Description

Reactivity	Mouse;Rat
Immunogen	A synthetic peptide of mouse MT-CO3 (NP_904334.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western blot analysis of extracts of various cell lines using MT-CO3 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:30 kDa

Calculated-MW:29 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

MT-CO3 (Mitochondrially Encoded Cytochrome C Oxidase III) is a Protein Coding gene. Diseases associated with MT-CO3 include Mitochondrial Complex IV Deficiency and Mitochondrial Myopathy, Infantile, Transient. Among its related pathways are Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins, and Cardiac muscle contraction. Gene Ontology (GO) annotations related to this gene include cytochrome-c oxidase activity and heme-copper terminal oxidase activity.

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