

Product datasheet for **TA378735S**

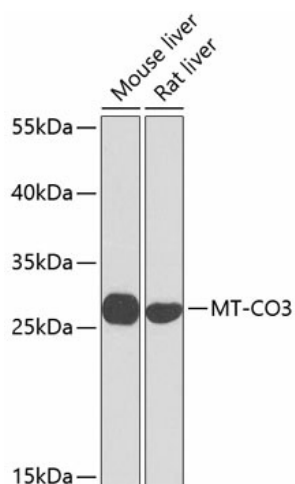
COX3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	WB, 1:500 - 1:2000 ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	29kDa
Gene Name:	cytochrome c oxidase III, mitochondrial
Database Link:	Entrez Gene 17710 Mouse
Background:	Predicted to enable electron transfer activity and oxidoreduction-driven active transmembrane transporter activity. Predicted to be involved in mitochondrial electron transport, cytochrome c to oxygen and respiratory chain complex IV assembly. Located in mitochondrion. Is expressed in several structures, including alimentary system; brain; heart; integumental system; and sensory organ. Human ortholog(s) of this gene implicated in MELAS syndrome. Orthologous to human MT-CO3 (mitochondrially encoded cytochrome c oxidase III).



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Product images:

Western blot analysis of various lysates using MT-CO3 Rabbit pAb ([TA378735]) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit .
Exposure time: 30s.