

Rabbit polyclonal antibody to Cytochrome c oxidase subunit 1 (2-14): Affinity purified

Catalogue No.:	R-1358-100
Description:	Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. CO1 is one of 3 subunits that form the core of this complex and is the catalytic subunit (Ref: SWISSPROT).
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (FADRWLFSTNHKD) corresponding to a region (2-14 aa) from the N-terminus of human Cytochrome c oxidase subunit 1 (CO1).
Sequence:	FADRWLFSTNHKD
Antibody Type:	Antiserum
Other Names:	Cytochrome c oxidase polypeptide I; MT-CO1; COI; COXI; MTCO1;
Accession:	P00395 COX1_HUMAN;
Produced in:	Rabbit
Applications:	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human CO1 has a predicted length of 513 amino acids and MW of 57 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Antibody Against:	Cytochrome c oxidase subunit 1
Cross-reactivity:	Human;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Appearance:	Lyophilized white powder
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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