

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

<b>Catalogue No.:</b>	R-1358-100
<b>Description:</b>	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).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (FADRWLFSTNHKD) corresponding to a region (2-14 aa) from the N-terminus of human Cytochrome c oxidase subunit 1 (CO1).
<b>Sequence:</b>	FADRWLFSTNHKD
<b>Antibody Type:</b>	Antiserum
<b>Other Names:</b>	Cytochrome c oxidase polypeptide I; MT-CO1; COI; COXI; MTCO1;
<b>Accession:</b>	P00395 COX1_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	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.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Cytochrome c oxidase subunit 1
<b>Cross-reactivity:</b>	Human;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Appearance:</b>	Lyophilized white powder
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	12 months after purchase

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