COX2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	COX2, Polyclonal Antibody
Full Product Name	Rabbit anti-Lachancea kluyveri (strain 58438/CBS 3082/CCRC 21498/NBRC 1685/JCM 7257/NCYC 543/NRRL Y-12651)(Yeast)(Saccharomyces kluyveri) COX2 Polyclonal Antibody
Product Gene Name	anti-COX2 antibody
Product Synonym Names	COX2 Antibody; Cytochrome c oxidase subunit 2; EC 1.9.3.1; Cytochrome c oxidase polypeptide II; COX2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Lachancea kluyveri (strain 58438/CBS 3082/CCRC 21498/NBRC 1685/JCM 7257/NCYC 543/NRRL Y-12651)(Yeast)(Saccharomyces kluyveri)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	28,410 Da
3D Structure	ModBase 3D Structure for Q9XLW8
Immunogen	Recombinant Lachancea kluyveri (strain 58438 / CBS 3082 / CCRC 21498 / NBRC 1685 / JCM 7257 / NCYC 543 / NRRL Y-12651) (Yeast) (Saccharomyces kluyveri) COX2 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-COX2 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-COX2 antibody	MBS9015273 is an antibody targeting COX2. Also known as Rabbit anti-Lachancea kluyveri (strain 58438/CBS 3082/CCRC 21498/NBRC 1685/JCM 7257/NCYC 543/NRRL Y-12651)(Yeast)(Saccharomyces kluyveri) COX2 Polyclonal Antibody. Reactive in Lachancea kluyveri (strain 58438/CBS 3082/CCRC 21498/NBRC 1685/JCM 7257/NCYC 543/NRRL Y-12651)(Yeast)(Saccharomyces kluyveri). Host: Rabbit.
Other Notes	Small volumes of anti-COX2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for COX2. It may not necessarily be applicable to this product.

NCBI GI #	391233354
NCBI GeneID	13083818
NCBI Accession #	YP_006460459.1

UniProt Primary Accession #	Q9XLW8
GenBank Nucleotide #	NC_018056.1
NCBI Official Full Name	putative cytochrome c oxydase, subunit 2 (mitochondrion)
NCBI Official Symbol	cox2
UniProt Protein Name	Cytochrome c oxidase subunit 2
UniProt Synonym Protein Names	Cytochrome c oxidase polypeptide II
UniProt Gene Name	COX2
UniProt Entry Name	COX2_LACK1
NCBI Protein Information	putative cytochrome c oxydase, subunit 2
UniProt Comments for COX2	Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit 1.
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