

Rabbit COX2 Polyclonal Antibody | anti-MT-CO2 antibody

Anti-COX2 Antibody

CATALOG # AAA262678	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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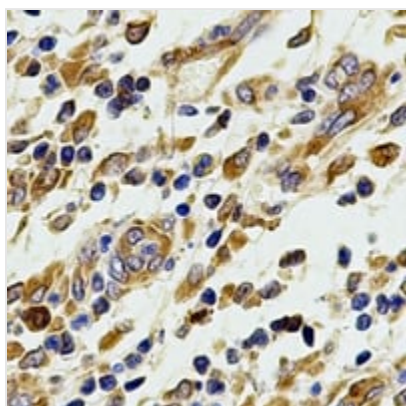
PRODUCT SYNONYMS

COX2; Polyclonal Antibody; Anti-COX2 Antibody; COII; COXII; MTCO2; Cytochrome c oxidase subunit 2; Cytochrome c oxidase polypeptide II; anti-MT-CO2 antibody

PRODUCT SPECIFICATIONS

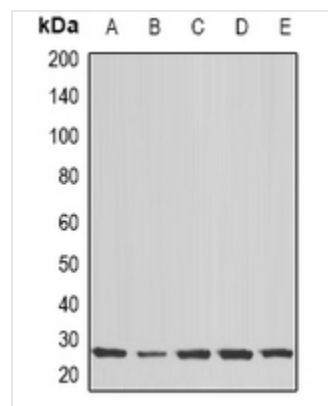
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of COX2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	227
Applicable Applications for anti-MT-CO2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide of human COX2
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of COX2 staining in human stomach formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of COX2 expression in Hela (A), MCF7 (B), Jurkat (C), mouse brain (D), rat brain (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-MT-CO2 antibody	Rabbit polyclonal antibody to COX2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	251831110
NCBI GeneID	4513
NCBI Accession #	YP_003024029.1
NCBI GenBank Nucleotide #	NC_012920.1
UniProt Accession #	P00403; Q37526
Molecular Weight	25,565 Da
NCBI Official Full Name	cytochrome c oxidase subunit II (mitochondrion)
NCBI Official Synonym Full Names	mitochondrially encoded cytochrome c oxidase II
NCBI Official Symbol	MT-CO2
NCBI Official Synonym Symbols	COII; MTCO2; COX2
NCBI Protein Information	cytochrome c oxidase subunit II
UniProt Protein Name	Cytochrome c oxidase subunit 2
UniProt Gene Name	MT-CO2
UniProt Synonym Gene Names	COII; COXII; MTCO2
UniProt Entry Name	COX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cox2-antibody-immunohistochemistry-western-blot-elisa/262678>