

Rabbit anti-Human, Mouse COX1 Polyclonal Antibody | anti-COX1 antibody

COX1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178752	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

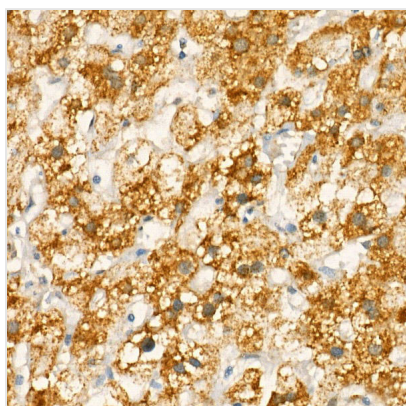
PRODUCT SYNONYMS

COX1; Polyclonal Antibody; COX1 Polyclonal Antibody; MT-CO1; COI; MTCO1; anti-COX1 antibody

PRODUCT SPECIFICATIONS

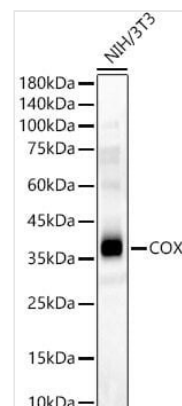
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-COX1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of mouse COX1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using COX1 Polyclonal Antibody at dilution of 1:25 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of NIH/3T3 using COX1 Polyclonal Antibody at 1:400 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-COX1 antibody	Enables cytochrome-c oxidase activity. Predicted to be involved in electron transport coupled proton transport; mitochondrial electron transport, cytochrome c to oxygen; and response to oxidative stress. Located in mitochondrial inner membrane. Part of mitochondrial respiratory chain complex IV. Is expressed in several structures, including brown fat; heart; liver; metanephros; and skeletal muscle. Orthologous to human MT-CO1 (mitochondrially encoded cytochrome c oxidase I).
Product Categories/Family for anti-COX1 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679537
NCBI GeneID	19224
NCBI Accession #	NP_032995.1
NCBI GenBank Nucleotide #	NM_008969.4
UniProt Accession #	P22437
Molecular Weight	69,042 Da
NCBI Official Full Name	prostaglandin G/H synthase 1
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 1
NCBI Official Symbol	Ptgs1
NCBI Official Synonym Symbols	COX1; Cox-1; Cox-3; PHS 1; Pghs1; PGHS-1
NCBI Protein Information	prostaglandin G/H synthase 1
UniProt Protein Name	Prostaglandin G/H synthase 1
UniProt Gene Name	Ptgs1
UniProt Synonym Gene Names	Cox-1; Cox1; COX-1; PGH synthase 1; PGHS-1; PHS 1

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/cox1-antibody-immunohistochemistry-western-blot-elisa/178752>