

Rabbit COX7A1 Polyclonal Antibody | anti-COX7A1 antibody

COX7A1 Polyclonal Antibody

CATALOG # AAA178982	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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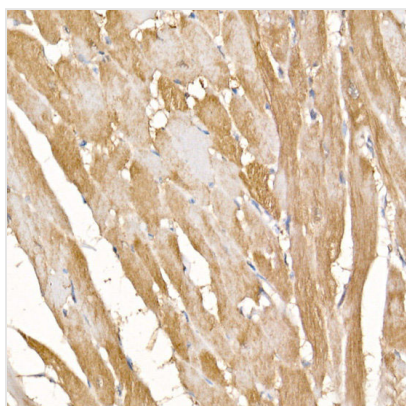
PRODUCT SYNONYMS

COX7A1; Polyclonal Antibody; COX7A1 Polyclonal Antibody; COX7A; COX7AH; COX7AM; anti-COX7A1 antibody

PRODUCT SPECIFICATIONS

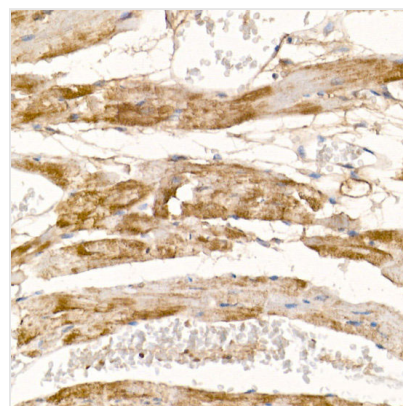
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-COX7A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human COX7A1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



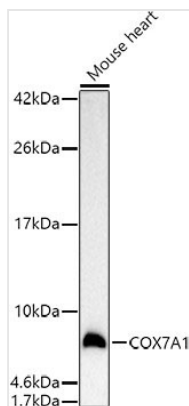
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using COX7A1 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using COX7A1 Polyclonal Antibody at dilution of 1:100 (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 extracts of Mouse heart using COX7A1 Polyclonal Antibody at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-COX7A1 antibody	Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes polypeptide 1 (muscle isoform) of subunit VIIa and the polypeptide 1 is present only in muscle tissues. Other polypeptides of subunit VIIa are present in both muscle and nonmuscle tissues, and are encoded by different genes.
Product Categories/Family for anti-COX7A1 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502987
NCBI GeneID	1346
NCBI Accession #	NP_001855.1
NCBI GenBank Nucleotide #	NM_001864.3
UniProt Accession #	P24310
NCBI Official Full Name	cytochrome c oxidase subunit 7A1, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit 7A1
NCBI Official Symbol	COX7A1
NCBI Official Synonym Symbols	COX7A; COX7AH; COX7AM
NCBI Protein Information	cytochrome c oxidase subunit 7A1, mitochondrial
UniProt Protein Name	Cytochrome c oxidase subunit 7A1, mitochondrial
UniProt Gene Name	COX7A1
UniProt Synonym Gene Names	COX7AH; Cytochrome c oxidase subunit VIIa-H; Cytochrome c oxidase subunit VIIa-M
UniProt Entry Name	CX7A1_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.