

Rabbit COX7A1 Polyclonal Antibody | anti-COX7A1 antibody

COX7A1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201326	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Sheep, Zebrafish	Western Blot

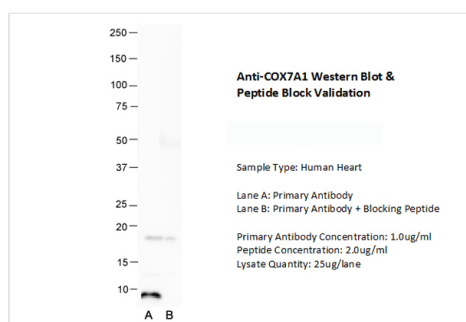
PRODUCT SYNONYMS

COX7A1; Polyclonal Antibody; COX7A1 antibody - N-terminal region; anti-COX7A1 antibody

PRODUCT SPECIFICATIONS

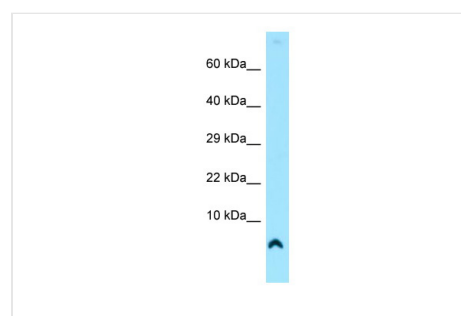
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SQ ALIRSFSSSTA RNRQNRVRE KQKLFQEDND IPLYLKGGIV DNILYRVT
Sequence Length	79
Applicable Applications for anti-COX7A1 antibody	WB (Western Blot)
Homology	Cow: 79%; Dog: 79%; Horse: 79%; Human: 100%; Mouse: 75%; Pig: 79%; Rabbit: 77%; Sheep: 79%; Zebrafish: 79%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit
Target Name: COX7A1
Sample Type: Human Heart
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 1.0 ug/ml
Peptide Concentration: 2.0 ug/ml
Lysate Quantity: 25 ug/lane



WB (Western Blot)

Host: Rabbit
Target Name: COX7A1
Antibody Dilution: 1.0 ug/ml
Sample Type: Human heart

ADDITIONAL INFORMATION

Related Product Information for anti-COX7A1 antibody	This is a rabbit polyclonal antibody against COX7A1. It was validated on Western Blot Target Description: 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 a 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	Polyclonal; Transcription Factor; Cancer; Cell Biology; Chromatin & Nuclear Signaling; Epigenetics; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502987
NCBI GeneID	1346
NCBI Accession #	NP_001855
NCBI GenBank Nucleotide #	NM_001864
UniProt Accession #	P24310
Molecular Weight	9kDa
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.