

Rabbit COX7A2 Polyclonal Antibody | anti-COX7A2 antibody

COX7A2 Antibody

CATALOG # AAA311826	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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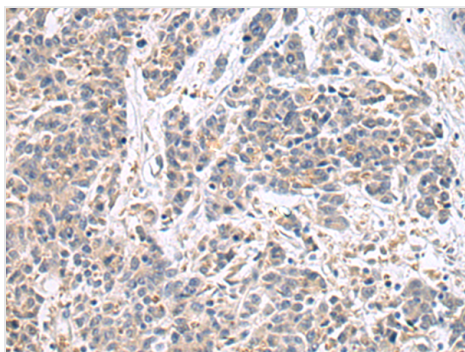
PRODUCT SYNONYMS

COX7A2; Polyclonal Antibody; COX7A2 Antibody; VIIAL; COX7AL; COX7AL1; COXVIIAL; COXVIIa-L; anti-COX7A2 antibody

PRODUCT SPECIFICATIONS

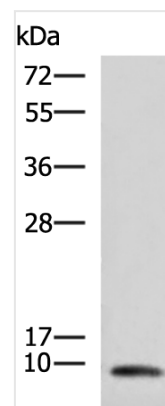
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Antigen affinity purification
Form/Format	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	0.6mg/mL (varies by lot)
Applicable Applications for anti-COX7A2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human COX7A2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using (COX7A2 Antibody) at dilution 1/20.



SDS-PAGE

Gel: 12%SDS-PAGE, Lysate: 40 ug, Lane: HeLa cell lysate, Primary antibody:COX7A2 Antibody at dilution 1/500, Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution, Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-COX7A2 antibody	Cytochrome c oxidase, 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 three catalytic subunits encoded by mitochondrial genes, and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, while the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes polypeptide 2 (liver isoform) of subunit VIIa, with this polypeptide being present in both muscle and non-muscle tissues. In addition to polypeptide 2, subunit VIIa includes polypeptide 1 (muscle isoform), which is present only in muscle tissues, and a related protein, which is present in all tissues. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4 and 14.
Product Categories/Family for anti-COX7A2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	262118227
NCBI GeneID	1347
NCBI Accession #	NP_001856
NCBI GenBank Nucleotide #	NM_001865
UniProt Accession #	Q8IVL5; P14406
Molecular Weight	12kDa
NCBI Official Full Name	cytochrome c oxidase subunit 7A2, mitochondrial isoform a
NCBI Official Synonym Full Names	cytochrome c oxidase subunit 7A2
NCBI Official Symbol	COX7A2
NCBI Official Synonym Symbols	VIIAL; COX7AL; COX7AL1; COXVIIAL; COXVIIa-L
NCBI Protein Information	cytochrome c oxidase subunit 7A2, mitochondrial
UniProt Protein Name	Prolyl 3-hydroxylase 2
UniProt Gene Name	LEPREL1
UniProt Synonym Gene Names	MLAT4; P3H2
UniProt Entry Name	P3H2_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://stage.aaabiotech.com/polyclonal/cox7a2-antibody-immunohistochemistry-western-blot-elisa/311826>