

Rabbit COX6A1 Polyclonal Antibody | anti-COX6A1 antibody

COX6A1 Polyclonal Antibody

CATALOG # AAA29828	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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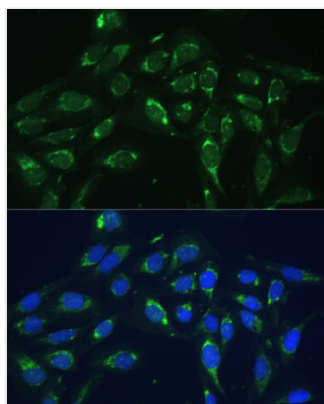
PRODUCT SYNONYMS

COX6A1; Polyclonal Antibody; COX6A1 Polyclonal Antibody; CMTRID; COX6A; COX6AL; cytochrome c oxidase subunit 6A1; anti-COX6A1 antibody

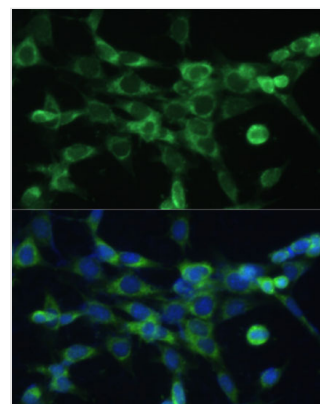
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-COX6A1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human COX6A1 (NP_004364.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

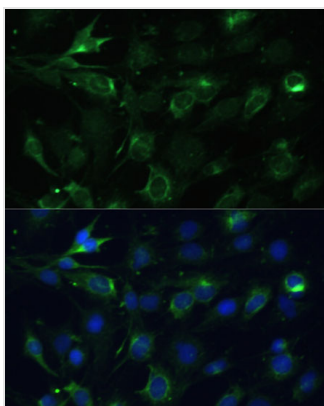
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using COX6A1 Polyclonal Antibody.

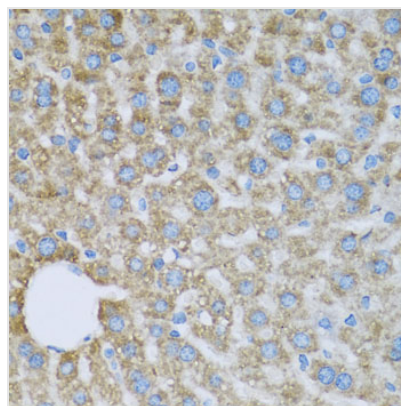

IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using COX6A1 Polyclonal Antibody.



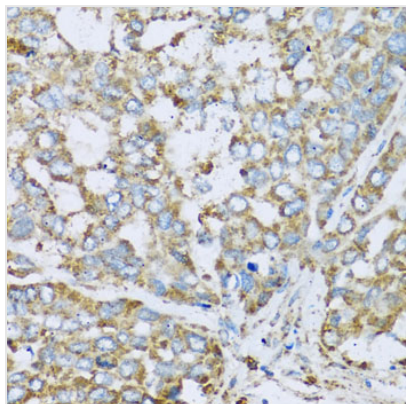
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using COX6A1 Polyclonal Antibody.



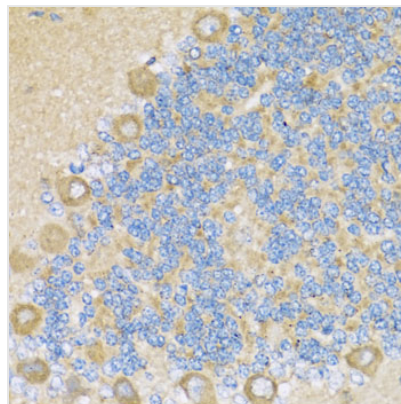
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using COX6A1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using COX6A1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat cerebellum using COX6A1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COX6A1 antibody

Cytochrome c oxidase (COX), the terminal enzyme of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. It 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 the electron transfer and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes polypeptide 1 (liver isoform) of subunit VIa, and polypeptide 1 is found in all non-muscle tissues. Polypeptide 2 (heart/muscle isoform) of subunit VIa is encoded by a different gene, and is present only in striated muscles. These two polypeptides share 66% amino acid sequence identity. It has been reported that there may be several pseudogenes on chromosomes 1, 6, 7q21, 7q31-32 and 12. However, only one pseudogene (COX6A1P) on chromosome 1p31.1 has been documented.

Product Categories/Family for anti-COX6A1 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	17999528
NCBI GeneID	1337
NCBI Accession #	NP_004364.2
NCBI GenBank Nucleotide #	NM_004373.3
UniProt Accession #	P12074; O43714; Q32Q37; B2R500
Molecular Weight	12,155 Da
NCBI Official Full Name	cytochrome c oxidase subunit 6A1, mitochondrial

NCBI Official Synonym Full Names	cytochrome c oxidase subunit VIa polypeptide 1
NCBI Official Symbol	COX6A1
NCBI Official Synonym Symbols	COX6A; CMTRID; COX6AL
NCBI Protein Information	cytochrome c oxidase subunit 6A1, mitochondrial; COX VIa-L; cytochrome c oxidase subunit VIA-liver; cytochrome C oxidase subunit VIa homolog; cytochrome c oxidase polypeptide VIa-liver
UniProt Protein Name	Cytochrome c oxidase subunit 6A1, mitochondrial
UniProt Gene Name	COX6A1
UniProt Synonym Gene Names	COX6AL; COX VIa-L
UniProt Entry Name	CX6A1_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/cox6a1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29828>