

Rabbit Cytochrome c Oxidase 7C Polyclonal Antibody | anti-COX7C antibody

Cytochrome c Oxidase 7C Antibody

CATALOG # AAA327731	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Cytochrome c Oxidase 7C; Polyclonal Antibody; Cytochrome c Oxidase 7C Antibody; COX7C; COX7C_HUMAN; Cytochrome c oxidase polypeptide VIIc; Cytochrome c oxidase subunit 7C; mitochondrial; anti-COX7C antibody

PRODUCT SPECIFICATIONS

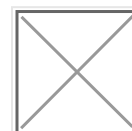
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytochrome c Oxidase 7C antibody detects endogenous levels of total Cytochrome c Oxidase 7C
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	63
Applicable Applications for anti-COX7C antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Cytochrome c Oxidase 7C
Subcellular Location	Mitochondrion
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (82%), Bovine (100%), Chicken (82%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Cytochrome c Oxidase 7C using HuvEc whole cell lysates



IHC (Immunohistochemistry)

AAA327731 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from HepG2, using Cytochrome c Oxidase 7C Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COX7C antibody

Function: This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.
Similarity: Belongs to the cytochrome c oxidase VIIc family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502993
NCBI GeneID	1350
NCBI Accession #	NP_001858.1
NCBI GenBank Nucleotide #	NM_001867.2
UniProt Accession #	P15954; Q6NR81
Molecular Weight	Observed: 7 kDa Predicted: 8 kDa
NCBI Official Full Name	cytochrome c oxidase subunit 7C, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit 7C
NCBI Official Symbol	COX7C
NCBI Protein Information	cytochrome c oxidase subunit 7C, mitochondrial
UniProt Protein Name	Cytochrome c oxidase subunit 7C, mitochondrial
UniProt Gene Name	COX7C

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/cytochrome-c-oxidase-7c-antibody-immunohistochemistry-western-blot-elisa/327731>