

Goat COX4I1 Polyclonal Antibody | anti-COX4I1 antibody

Goat anti-COX4I1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60837	Goat	Tested: Human; Expected from sequence similarity: Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

COX4I1; Polyclonal Antibody; Goat anti-COX4I1 Antibody; Goat Anti-COX4I1; Biotinylated Antibody; cytochrome c oxidase subunit IV isoform 1; COX4; COXIV; MGC72016; COX4I1 antibody; cytochrome c oxidase subunit IV isoform 1 antibody; COX4 antibody; COXIV antibody; MGC72016 antibody; anti-COX4I1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QGLASKWDYE KNE
Sequence Length	169
Applicable Applications for anti-COX4I1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QGLASKWDYEKNE, from the C Terminus of the protein sequence according to NP_001852.1; NP_001305726.1.
Epitope	C Terminus
Note	This antibody is expected to recognize reported isoforms 1 and 4 (NP_001852.1; NP_001305726.1). Reported variants represent identical protein: NP_001305715.1, NP_001852.1. This product may cross-react to COX4I2 (GeneID 84701).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

2.5ug/ml staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)

0.01ug/ml staining of human muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502981
NCBI GeneID	1327

NCBI Accession #	NP_001852.1; NP_001305726.1
NCBI GenBank Nucleotide #	NM_001861.4
Molecular Weight	19,577 Da
NCBI Official Full Name	cytochrome c oxidase subunit 4 isoform 1, mitochondrial isoform 1
NCBI Official Synonym Full Names	cytochrome c oxidase subunit 4I1
NCBI Official Symbol	COX4I1
NCBI Official Synonym Symbols	COX4; COXIV; COX4-1; COXIV-1; COX IV-1
NCBI Protein Information	cytochrome c oxidase subunit 4 isoform 1, mitochondrial
UniProt Protein Name	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
UniProt Gene Name	COX4I1
UniProt Synonym Gene Names	COX4; COX IV-1
UniProt Entry Name	COX41_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/cox4i1-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/60837>