

GOAT ANTI-COX4I1, BIOTINYLATED ANTIBODY

SKU: EB07914-B

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage	Aliquot and store at -20°C. Minimize freezing and thawing.
Instructions	
Synonym /	MGC72016 cytochrome c oxidase polypeptide IV COXIV-1 COXIV COX4-1 COX4 cytochrome c oxidase subunit
Alias	IV isoform 1 COX4I1
Names	
Accession ID	NP_001852.1; NP_001305726.1
Blocking Peptide	EBP07914-B
Immunogen	Peptide with sequence C-QGLASKWDYEKNE., from the C Terminus of the protein sequence according to NP_001852.1; NP_001305726.1.
Product Comments	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).
Peptide Sequence	C-QGLASKWDYEKNE.
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human
Reactive Species	Human
Human Gene ID	1327
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:4000.
Western Blot	Approx 17kDa band observed in Human Skeletal Muscle lysates (calculated MW of 19.6kDa according to NP_001852.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.
Application Type	Pep-ELISA, WB

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

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