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Datasheet for ABIN570922
anti-COX4I2 antibody (C-Term)

1 Image

Overview

Quantity:	100 µg
Target:	COX4I2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This COX4I2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	COX4I2
Immunogen:	C-RWDYEKKQWKK
Sequence:	RWDYEKKQWK K
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

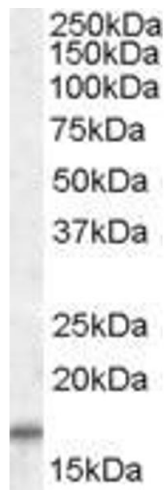
Target:	COX4I2
Alternative Name:	COX4I2 (COX4I2 Products)
Background:	COX4I2, cytochrome c oxidase subunit IV isoform 2 (lung), COX4, COX4-2, COX4B, COX4L2, COXIV-2, dJ857M17.2, cytochrome c oxidase subunit IV isoform 2, cytochrome c oxidase subunit IV-like 2
Gene ID:	84701, 84682, 84683
NCBI Accession:	NP_115998
Pathways:	Proton Transport

Application Details

Application Notes:	Western Blot: Approx 17 kDa band observed in Human Skeletal Muscle lysates (calculated MW of 19.6 kDa according to NP_115998.2). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:2000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN570922 (1 µg/ml) staining of Human Skeletal Muscle lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.