



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07915 - Goat Anti-COX4I2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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

**Official Symbol:** COX4I2

**Accession Number(s):** NP\_115998.2

**Human GeneID(s):** [84701](#)

**Non-Human GeneID(s):** 84682 (mouse), 84683 (rat)

### Immunogen

Peptide with sequence C-RWDYEKKQWKK, from the C Terminus of the protein sequence according to NP\_115998.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:2000.

**Western blot:** Approx 17kDa band observed in Human Skeletal Muscle lysates (calculated MW of 19.6kDa according to NP\_115998.2). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB07915 (1µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.