

## UK Office

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

## EB07667 - Goat Anti-ACOX2 (Human) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ACOX2, acyl-Coenzyme A oxidase 2, branched chain, BCOX, BRCACOX, BRCOX, THCCox, Peroxisomal branched chain acyl-CoA oxidase, THCA-CoA oxidase, Trihydroxycoprostanoyl-CoA oxidase

**Official Symbol:** ACOX2

**Accession Number(s):** NP\_003491.1

**Human GeneID(s):** [8309](#)

### Immunogen

Peptide with sequence C-QWAQKSPNTQENP, from the internal region (near the C Terminus) of the protein sequence according to NP\_003491.1.

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

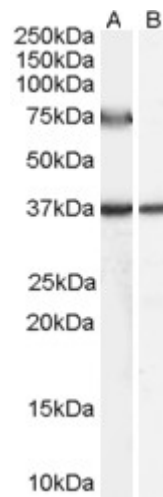
**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Approx 75kDa band observed in Human Liver lysates (calculated MW of 76.8kDa according to NP\_003491.1). Recommended concentration: 0.5-1.5µg/ml. An additional band of 37kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB07667 (0.5µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.