

## UK Office

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

## EB12813 - Goat Anti-HAO2 (aa54-67) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HAO2, hydroxyacid oxidase 2 (long chain), GIG16, HAOX2, (S)-2-hydroxy-acid oxidase, peroxisomal, cell growth-inhibiting gene 16 protein, glycolate oxidase, hydroxyacid oxidase 2, long chain alpha-hydroxy acid oxidase, long-chain L-2-hydroxy acid oxidase

**Official Symbol:** HAO2

**Accession Number(s):** NP\_057611.1

**Human GeneID(s):** [51179](#)

**Important Comments:** Reported variants represent identical protein: NP\_001005783.1, NP\_057611.1.

### Immunogen

Peptide with sequence C-DVSEVDTRTTIQGE, from the internal region of the protein sequence according to NP\_057611.1.

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 1:64000.

**Western blot:** Approx 38kDa band observed in Human Kidney lysates (calculated MW of 38.8kDa according to NP\_057611.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12813 (0.3 $\mu$ g/ml) staining of Human Kidney lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.