

## UK Office

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

## EB07582 - Goat Anti-AOC3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AOC3, amine oxidase, copper containing 3 (vascular adhesion protein 1), HPAO, SSAO, VAP-1, VAP1, amine oxidase, copper containing 3, copper amine oxidase, semicarbazide-sensitive amine oxidase, vascular adhesion protein 1

**Official Symbol:** AOC3

**Accession Number(s):** NP\_003725.1

**Human GeneID(s):** [8639](#)

**Non-Human GeneID(s):** 11754 (mouse), 29473 (rat)

### Immunogen

Peptide with sequence C-DEDPSFYSDSIY, from the internal region (near the C Terminus) of the protein sequence according to NP\_003725.1.

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:** Preliminary experiments gave an approx 55kDa band in Human Adipose and Lung lysates after 0.01µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 84.6kDa according to NP\_003725.1. The 55kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** In paraffin embedded Human Liver shows membranous staining in sinusoid lining cells surrounding hepatocytes. Recommended concentration: 3-5µg/ml.

### Species Reactivity

**Tested:** Human

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

EB07582 (3.8µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.