

## UK Office

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

## EB09865 - Goat Anti-AOC3 / VAP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** AOC3

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

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

### Immunogen

Peptide with sequence ESQAPKTIRDAFC, from the internal region 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

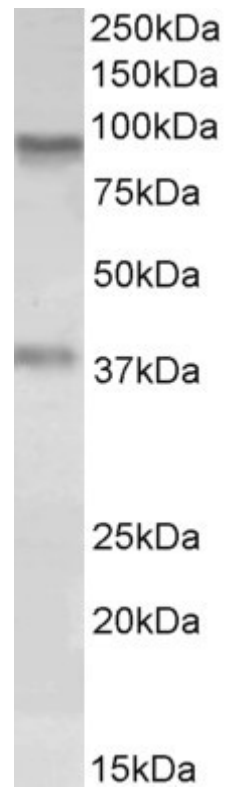
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 90kDa band observed in lysates of cell line A549 (calculated MW of 84.6kDa according to NP\_003725.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 38kDa. This band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:** Human

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



EB09865 (0.1µg/ml) staining of A549 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.