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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.