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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 GenelD(s): <u>8639</u> Non-Human GenelD(s): 11754 (mouse), 29473 (rat)

Immunogen

Peptide with sequence C-DEDPSFYSADSIY, 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

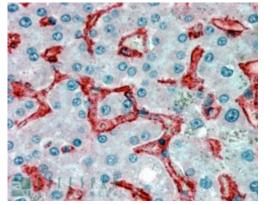
Peptide ELISA: antibody detection limit dilution 1:64000.

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.