

Goat anti-AOC3 Antibody

Item Number	dAP-1009
Target Molecule	Principle Name: AOC3; Official Symbol: AOC3; All Names and Symbols: 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; Accession Number (s): NP_003725.1; Human Gene ID(s): 8639; Non-Human GeneID(s): 11754 (mouse) 29473 (rat)
Immunogen	DEDPSFYSDSIY, is from internal region (near the C Terminus)
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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 s
IHC	Immunohistochemistry: In paraffin embedded Human Liver shows membranous staining in sinusoid lining cells surrounding hepatocytes. Recommended concentration: 3-5µg/ml.
Reference	Reference(s): Forster-Horvath C, Dome B, Paku S, Ladanyi A, Somlai B, Jalkanen S, Timar J. Loss of vascular adhesion protein-1 expression in intratumoral microvessels of human skin melanoma. Melanoma Res. 2004 Apr;14(2):135-40. PMID: 15057044 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**