

## Goat anti-HAO2 (aa54-67) Antibody

Item Number	dAP-3277
Target Molecule	Principle Name: HAO2 (aa54-67); Official Symbol: HAO2; All Names and Symbols: HAO2; hydroxyacid oxidase 2 (long chain); GIG16; HAOX2; (S)-2-hydroxy-acid oxidase, peroxisomal; cell growth-inhibiting gene 16 protein; glycolate oxidase; hydroxyacid oxidase 2; long chain alpha-hydroxy acid oxidase; long-chain L-2-hydroxy acid oxidase; Accession Number (s): NP_057611.1; Human Gene ID(s): 51179; Non-Human GenelD(s):
Immunogen	DVSEVDTRTTIQGE, is from internal region Reported variants represent identical protein: NP_001005783.1, NP_057611.1.
Applications	Pep ELISA, WB 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: Approx 38kDa band observed in Human Kidney lysates (calculated MW of 38.8kDa according to NP_057611.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Jones JM, Morrell JC, Gould SJ. Identification and characterization of HAOX1, HAOX2, and HAOX3, three human peroxisomal 2-hydroxy acid oxidases. The Journal of biological chemistry 2000 Apr 275 (17): 12590-7.. PMID: 10777549->

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**