

Datasheet for ABIN5539837

anti-Hydroxyacid Oxidase 2 (HAO2) (AA 54-67) antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Hydroxyacid Oxidase 2 (HAO2)
Binding Specificity:	AA 54-67
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	HAO2 (aa54-67)
Sequence:	DVSEVDTRTT IQGE
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_001005783.1, NP_057611.1.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

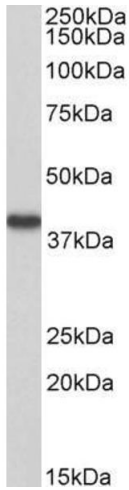
Target:	Hydroxyacid Oxidase 2 (HAO2)
Alternative Name:	HAO2 (HAO2 Products)
Background:	HAO2, hydroxyacid oxidase 2 (long chain), GIG16, HAOX2, (S)-2-hydroxy-acid oxidase, peroxisomal, cell growth-inhibiting gene 16 protein, glycolate oxidase, hydroxyacid oxidase 2, long chain alpha-hydroxy acid oxidase, long-chain L-2-hydroxy acid oxidase
Gene ID:	51179
NCBI Accession:	NP_057611
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Western Blot: Approx 38 kDa band observed in Human Kidney lysates (calculated MW of 38.8 kDa according to NP_057611.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN5539837 (0.3µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.