

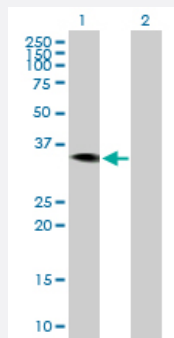
MaxPab®

HAO2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051179-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HAO2 expression in transfected 293T cell line ([H00051179-T01](#)) by HAO2 MaxPab polyclonal antibody.

Lane 1: HAO2 transfected lysate(38.61 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HAO2 protein.
Immunogen	HAO2 (NP_001005783.1, 1 a.a. ~ 351 a.a) full-length human protein.
Sequence	MSLVCLTDFQAHAREQLSKSTRDFIEGGADDSITRDDNAAFKRIRLRPRYL RDVSEVDTRTTIQGE EISAPICIAPTGFHCLVWPDGEMSTARAAQAAGICYTSTFASCSLEDVIAAPEGLRWFQLYVHPDL QLNKQLIQRVESLGFKALVITLDTPVCGNRRHDIRNQLRRNLTLTDLQSPKKGNAIPYFQMTPISTSL CWNDLSWFQSITRLPIILKGILTKEDAELAVKHNVQGIVSNHGGRQLDEVLASIDALTEVVAAVKGK IEVYLDGGVRTGNDVLKALALGAKCIFLGRPILWGLACKGEHGVKEVLNILTNEFHTSMALTGCRS VAEINRNLVQFSRL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (70); Rat (73)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — HAO2

Entrez GeneID [51179](#)

GeneBank Accession# [NM_001005783.1](#)

Protein Accession# [NP_001005783.1](#)

Gene Name HAO2

Gene Alias GIG16, HAOX2

Gene Description hydroxyacid oxidase 2 (long chain)

Omim ID [605176](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is one of three related genes that have 2-hydroxyacid oxidase activity yet differ in encoded protein amino acid sequence, tissue expression and substrate preference. Subcellular location of the encoded protein is the peroxisome. Specifically, this gene is expressed predominantly in liver and kidney and has the highest activity toward the substrate 2-hydroxypalmitate. Two alternatively spliced variants encoding the same isoform have been described. [provided by RefSeq]

Other Designations (S)-2-hydroxy-acid oxidase|OTTHUMP00000014486|OTTHUMP00000059527|glycolate oxidase|growth-inhibiting protein 16|hydroxyacid oxidase 2|long-chain L-2-hydroxy acid oxidase

Pathway

- [Glyoxylate and dicarboxylate metabolism](#)

- [Metabolic pathways](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Urinary Bladder Neoplasms](#)