

DNAxPAb

Hard-to-Find
Antibody

HAO2 DNAxPab

Catalog # H00051179-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HAO2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSLVCLTDFQAHAREQLSKSTRDFIEGGADDSITRDDNAAFKRIRLRPRYL RDVSEVDTRTTIQGE EISAPICIAPTGFHCLVWPDGEMSTARAAQAAGICYITSTFASCSLEDVIAAPEGLRWFQLVHPDL QLNKQLIQRVESLGFKALVITL DTPVCGNRRHDIRNQLRRNLTLTDLQSPKKGNAIPYFQMTPISTSL CWNDLSWFQSITRLPIILKGILTKEDAELAVKHNVQGI VSNHGGRQLDEVLASIDALTEVVAAVKGK IEVYLDGGVRTGNDVLKALALGAKCIFLGRPI LWGLACKGEHGVKEVLNILTNEFHTSMALTGCRS VAEINRNLVQFSRL
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)