

Product datasheet for **TA346057**

HAO2 Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-HAO2 antibody: synthetic peptide directed towards the N terminal of human HAO2. Synthetic peptide located within the following region: DDNIAAFKRIRLRPRYL RDVSEVDTRTTIQGEEISAPICIAPTGFHCLVW |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 39 kDa |
| Gene Name: | hydroxyacid oxidase 2 |
| Database Link: | NP_001005783 Entrez Gene 51179 Human Q9NYQ3 |



[View online »](#)

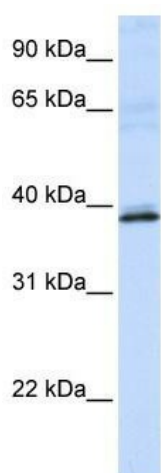
Background: HAO2 is one of three related proteins that have 2-hydroxyacid oxidase activity yet differ in amino acid sequence, tissue expression and substrate preference. Subcellular location of the protein is the peroxisome. Specifically, the protein is expressed predominantly in liver and kidney and has the highest activity toward the substrate 2-hydroxypalmitate. Two alternatively spliced variants encoding the same isoform have been described. 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.

Synonyms: GIG16; HAOX2

Note: Immunogen Sequence Homology: Rat: 100%; Human: 100%; Horse: 93%; Rabbit: 93%; Dog: 86%; Pig: 86%; Bovine: 85%; Mouse: 79%

Protein Pathways: Glyoxylate and dicarboxylate metabolism, Metabolic pathways

Product images:



WB Suggested Anti-HAO2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: MCF7 cell lysate