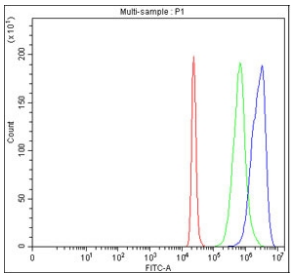
HAOX2 Antibody / Hydroxyacid oxidase 2 / HAO2 (RQ8674)

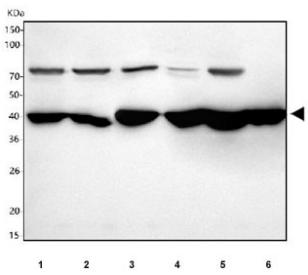
Catalog No.	Formulation	Size
RQ8674	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NYQ3
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This HAOX2 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human 293T cells with HAOX2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HAOX2 antibody.



Western blot testing of 1) human 293T, 2) human HepG2, 3) rat liver, 4) rat kidney, 5) mouse liver and 6) mouse kidney tissue lysate with HAOX2 antibody. Predicted molecular weight: ~39 kDa.

Description

This gene is one of three related genes that have 2-hydroxyacid oxidase activity. The encoded protein localizes to the peroxisome has the highest activity toward the substrate 2-hydroxypalmitate. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the HAOX2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids R50-L351) was used as the immunogen for the HAOX2 antibody.

Storage

After reconstitution, the HAOX2 Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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