

HAO1 Antibody

Catalog No: #43063

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Description

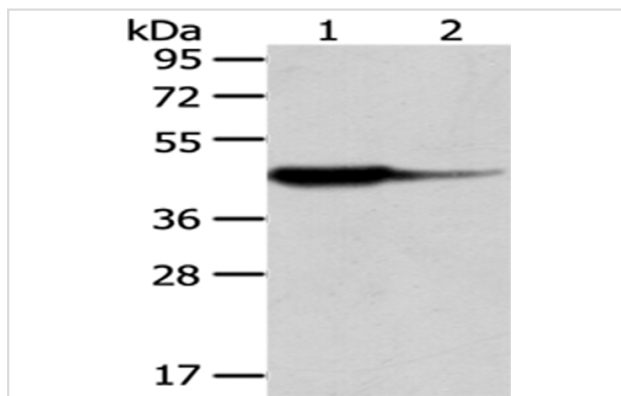
Product Name	HAO1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HAO1 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human HAO1
Target Name	HAO1
Other Names	GOX; GOX1; HAOX1
Accession No.	Swiss-Prot#: Q9UJM8 Gene ID: 54363
Uniprot	Q9UJM8
GeneID	54363;
Calculated MW	41kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE

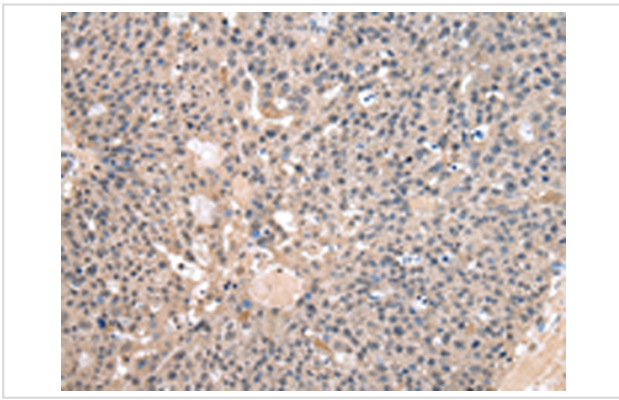
Lysate: 40 µg

Lane 1-2: Human fetal liver and mouse liver tissue

Primary antibody: 1/400 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #43063 at dilution 1/20. (Original magnification: B1F• 200)

Background

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 primarily in liver and pancreas and the encoded protein is most active on glycolate, a two-carbon substrate. The protein is also active on 2-hydroxy fatty acids. The transcript detected at high levels in pancreas may represent an alternatively spliced form or the use of a multiple near-consensus upstream polyadenylation site.

Note: This product is for in vitro research use only