

Product datasheet

Anti-HAO2 antibody ab229817

[3 Images](#)

Overview

Product name	Anti-HAO2 antibody
Description	Rabbit polyclonal to HAO2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment corresponding to Human HAO2 aa 2-200. Database link: Q9NYQ3
Positive control	WB: MCF7 whole cell lysate; Rat and mouse kidney lysates. IHC-P: Human kidney and liver tissues.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Protein G purified
Purification notes	Purity >95%.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab229817 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/5000. Detects a band of approximately 39 kDa (predicted molecular weight: 39 kDa).
IHC-P		1/20 - 1/200.

Target

Function

Catalyzes the oxidation of L-alpha-hydroxy acids as well as, more slowly, that of L-alpha-amino acids.

Tissue specificity

Liver and kidney.

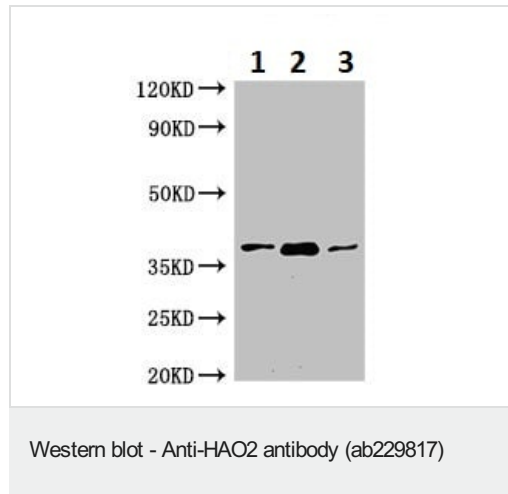
Sequence similarities

Belongs to the FMN-dependent alpha-hydroxy acid dehydrogenase family. Contains 1 FMN hydroxy acid dehydrogenase domain.

Cellular localization

Peroxisome.

Images



All lanes : Anti-HAO2 antibody (ab229817) at 1/500 dilution

Lane 1 : MCF7 (human breast adenocarcinoma cell line) lysate

Lane 2 : Rat kidney lysate

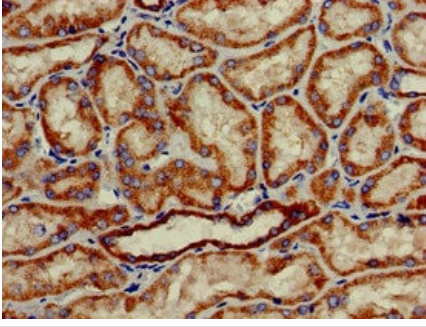
Lane 3 : Mouse kidney lysate

Secondary

All lanes : Goat anti-rabbit IgG at 1/50000 dilution

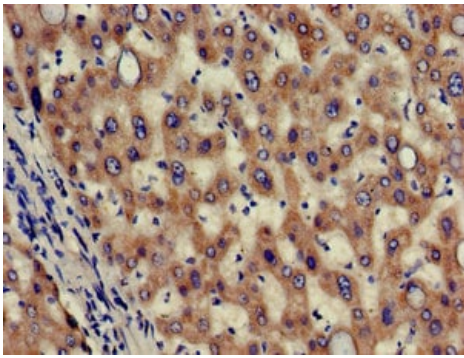
Predicted band size: 39 kDa

Observed band size: 39 kDa



Paraffin-embedded human kidney tissue stained for HAO2 using ab229817 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HAO2 antibody (ab229817)



Paraffin-embedded human liver tissue stained for HAO2 using ab229817 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HAO2 antibody (ab229817)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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