


Product datasheet

Anti-GLO2 antibody ab154108

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Overview

Product name	Anti-GLO2 antibody
Description	Rabbit polyclonal to GLO2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Cow 
Immunogen	Recombinant fragment corresponding to Human GLO2 aa 50-350. Database link: Q16775
Positive control	HepG2 and Mouse liver whole cell lysates; Human NCI-N87 xenograft tissue.
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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154108 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 - 1/3000. Predicted molecular weight: 29 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

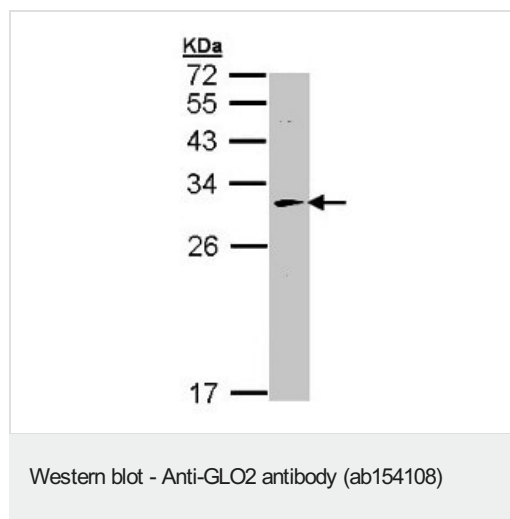
Relevance

Hydroxyacylglutathione hydrolase (HAGH) is a thiolesterase which hydrolyses S-lactoyl-glutathione to reduced glutathione and D-lactate.

Cellular localization

Cytoplasmic and Mitochondrial

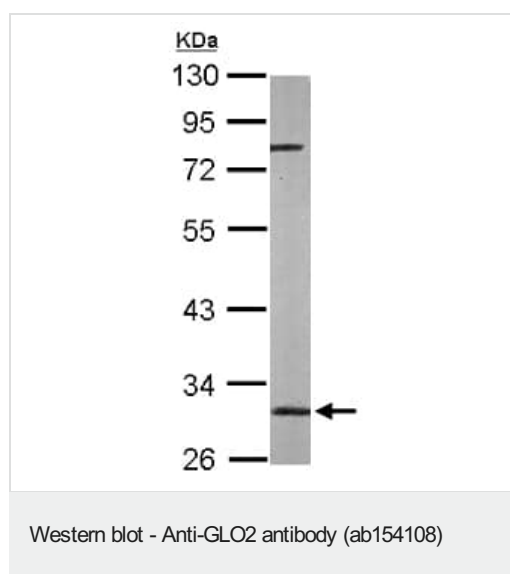
Images



Anti-GLO2 antibody (ab154108) at 1/1000 dilution + HepG2 whole cell lysate at 30 µg

Predicted band size: 29 kDa

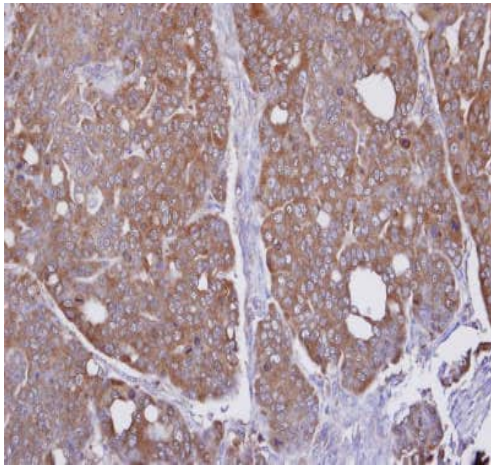
12% SDS PAGE



Anti-GLO2 antibody (ab154108) at 1/1000 dilution + Mouse liver whole cell lysate at 50 µg

Predicted band size: 29 kDa

10% SDS PAGE



Immunohistochemical analysis of paraffin-embedded Human NCI-N87 xenograft tissue labeling GLO2 with ab154108 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GLO2 antibody (ab154108)

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
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- 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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