

Anti-UGDH antibody ab155005

[4 References](#) [4 Images](#)

Overview

Product name	Anti-UGDH antibody
Description	Rabbit polyclonal to UGDH
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment within Human UGDH aa 9-283. The exact sequence is proprietary. Database link: O60701
Positive control	WB: HepG2 whole cell lysate (ab7900) and mouse and rat liver tissue lysate. IHC-P: Human hepatoma 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 and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155005 in the following tested applications.

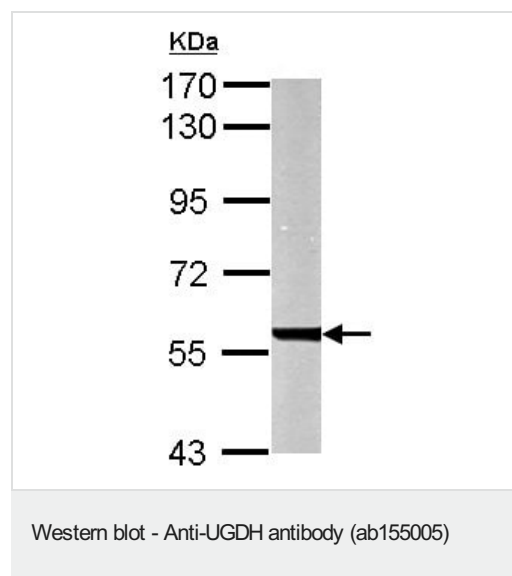
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 55 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Involved in the biosynthesis of glycosaminoglycans; hyaluronan, chondroitin sulfate, and heparan sulfate.
Tissue specificity	Widely expressed.
Pathway	Nucleotide-sugar biosynthesis; UDP-alpha-D-glucuronate biosynthesis; UDP-alpha-D-glucuronate from UDP-alpha-D-glucose: step 1/1.
Sequence similarities	Belongs to the UDP-glucose/GDP-mannose dehydrogenase family.

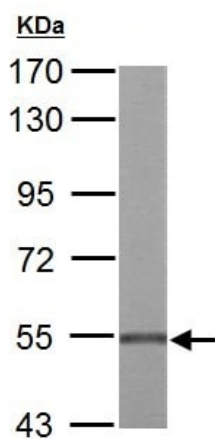
Images



Anti-UGDH antibody (ab155005) at 1/10000 dilution + mouse liver whole cell lysate at 50 µg

Predicted band size: 55 kDa

7.5% SDS PAGE

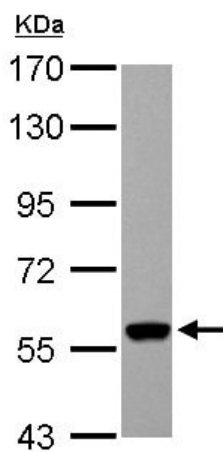


Western blot - Anti-UGDH antibody (ab155005)

Anti-UGDH antibody (ab155005) at 1/2000 dilution + rat liver lysate/extract at 50 μ g

Predicted band size: 55 kDa

7.5 % SDS-PAGE

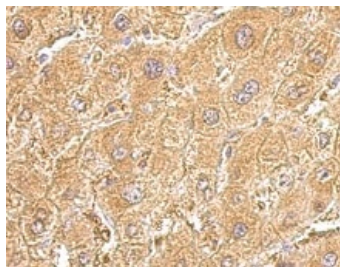


Western blot - Anti-UGDH antibody (ab155005)

Anti-UGDH antibody (ab155005) at 1/10000 dilution + HepG2 whole cell lysate/extract at 30 μ g

Predicted band size: 55 kDa

7.5 % SDS-PAGE



Immunohistochemical analysis of paraffin embedded Human hepatoma tissue labelling UGDH with ab155005 at a 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UGDH antibody (ab155005)

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

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