

## Product datasheet

# Anti-GALK2 antibody ab153815

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

### Overview

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<b>Product name</b>	Anti-GALK2 antibody
<b>Description</b>	Rabbit polyclonal to GALK2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Recombinant fragment corresponding to a region within amino acids 67-331 of Human GALK2.
<b>Positive control</b>	HepG2 and mouse kidney whole cell lysates; Hep3B cells; MCF7 xenograft.
<b>General notes</b>	<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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab153815 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: 50 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol using 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0).
ICC/IF		1/100 - 1/1000.

## Target

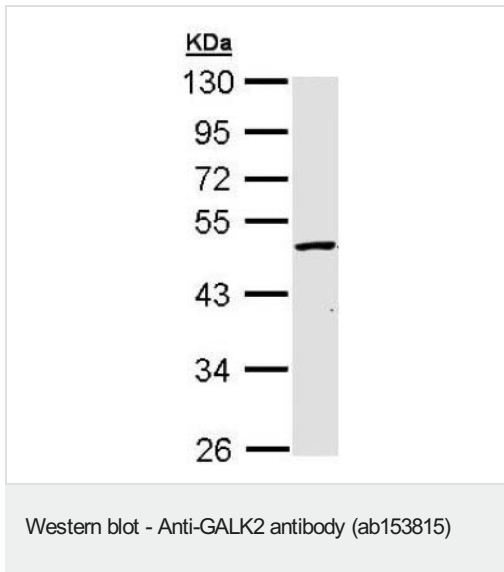
### Function

Acts on GalNAc. Also acts as a galactokinase when galactose is present at high concentrations. May be involved in a salvage pathway for the reutilization of free GalNAc derived from the degradation of complex carbohydrates.

### Sequence similarities

Belongs to the GHMP kinase family. GalkK subfamily.

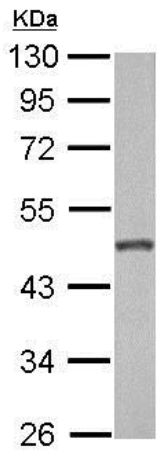
## Images



Anti-GALK2 antibody (ab153815) at 1/5000 dilution + HepG2 whole cell lysate at 30 µg

**Predicted band size:** 50 kDa

10 % SDS-PAGE

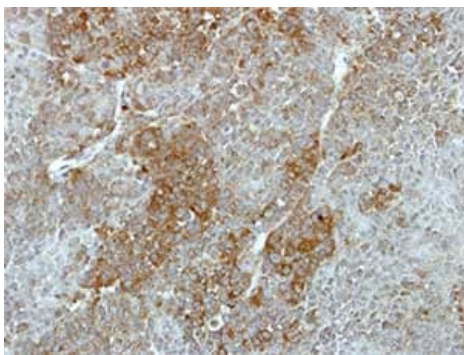


Western blot - Anti-GALK2 antibody (ab153815)

Anti-GALK2 antibody (ab153815) at 1/1000 dilution + Mouse kidney whole cell lysate at 50  $\mu$ g

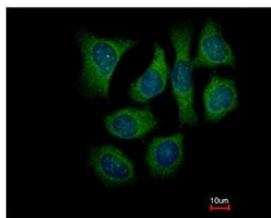
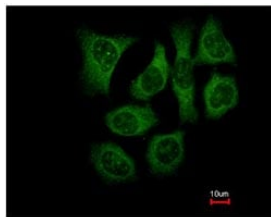
**Predicted band size:** 50 kDa

10 % SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GALK2 antibody (ab153815)

Immunohistochemical analysis of paraffin-embedded MCF7 xenograft labeling GALK2 with ab153815 at 1/500 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-GALK2 antibody (ab153815)

Immunofluorescent analysis of methanol-fixed Hep3B cells labeling GALK2 with ab153815 at 1/500 dilution. Lower panel co-stained with Hoechst 33342.

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

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