

# Anti-Glycogen synthase 2 antibody - C-terminal ab224552

## 2 图像

### 概述

产品名称	Anti-Glycogen synthase 2抗体- C-terminal
描述	兔多克隆抗体to Glycogen synthase 2 - C-terminal
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human
免疫原	Recombinant fragment corresponding to Human Glycogen synthase 2 aa 600 to the C-terminus (C terminal). Database link: <a href="#">P54840</a>

 [Run BLAST with](#)

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阳性对照 WB: Human liver tissue lysate. IHC-P: Human liver tissue.

### 常规说明

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.

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

### 性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用 ab224552 于以下的经测试应用

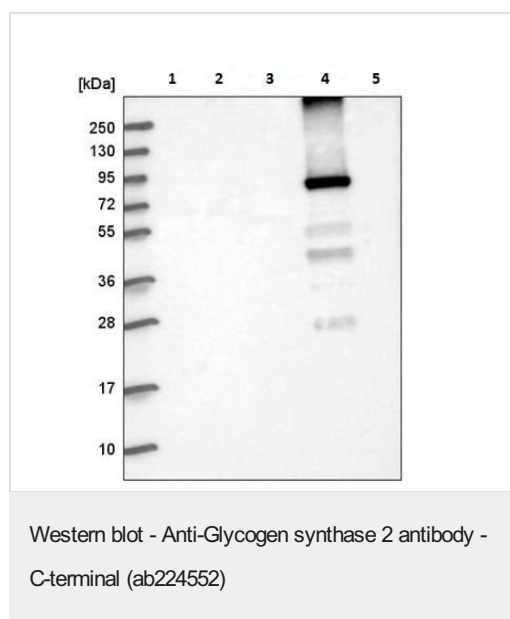
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 81 kDa.

## 靶标

<b>功能</b>	Transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.
<b>通路</b>	Glycan biosynthesis; glycogen biosynthesis.
<b>疾病相关</b>	Defects in GYS2 are the cause of glycogen storage disease type 0 (GSD0) [MIM:240600]; A metabolic disorder characterized by fasting hypoglycemia presenting in infancy or early childhood, high blood ketones and low alanine and lactate concentrations. Although feeding relieves symptoms, it often results in postprandial hyperglycemia and hyperlactatemia.
<b>序列相似性</b>	Belongs to the glycosyltransferase 3 family.
<b>翻译后修饰</b>	Primed phosphorylation at Ser-657 (site 5) by CSNK2A1 and CSNK2A2 is required for inhibitory phosphorylation at Ser-641 (site 3a), Ser-645 (site 3b), Ser-649 (site 3c) and Ser-653 (site 4) by GSK3A and GSK3B. Dephosphorylation at Ser-641 and Ser-645 by PP1 activates the enzyme.

## 图片



**All lanes :** Anti-Glycogen synthase 2 antibody - C-terminal (ab224552) at 1/100 dilution

**Lane 1 :** RT4 (human urinary bladder cancer cell line) cell lysate

**Lane 2 :** U-251 MG (human brain glioma cell line) cell lysate

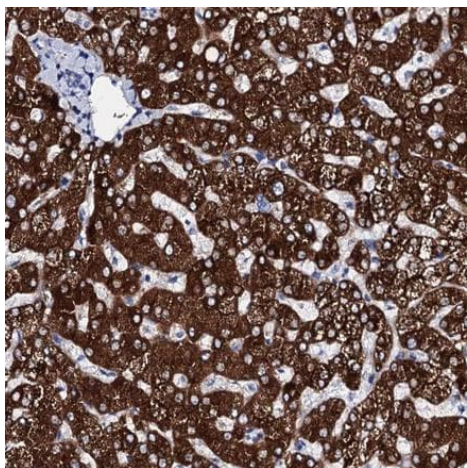
**Lane 3 :** Human plasma

**Lane 4 :** Human liver tissue lysate

**Lane 5 :** Human tonsil tissue lysate

Developed using the ECL technique.

**Predicted band size:** 81 kDa



Paraffin-embedded human liver tissue stained for Glycogen synthase 2 using ab224552 at 1/200 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Glycogen synthase 2 antibody - C-terminal (ab224552)

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

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