


Anti-AGS3 antibody ab89726

★★★★☆ [2 Abreviews](#) [3 References](#) [3 图像](#)

概述

产品名称	Anti-AGS3抗体
描述	兔多克隆抗体to AGS3
宿主	Rabbit
特异性	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human 预测可用于: Mouse, Cow 
免疫原	Synthetic peptide corresponding to Human AGS3 aa 100 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as ab90250)
阳性对照	This antibody gave a positive signal in the following whole cell lysates: HEK293; HepG2. IHC-P: human colon adenocarcinoma FFPE tissue sections
常规说明	<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>

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

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ab89726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。

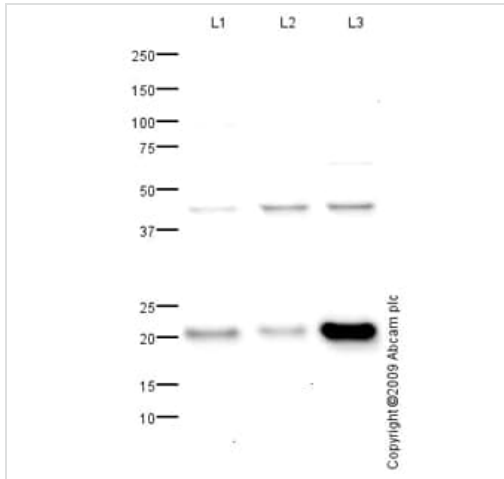
应用	Ab评论	说明
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 20 kDa (predicted molecular weight: 18 kDa).

靶标

相关性 The RNase H2 complex is a heterotrimer composed of the catalytic subunit RNASEH2A and the non-catalytic subunits RNASEH2B and RNASEH2C (Ribonuclease H2 subunit C). Ribonuclease H2 subunit C is the non catalytic subunit of RNase H2, an endonuclease that specifically degrades the RNA of RNA:DNA hybrids. It participates in DNA replication, possibly by mediating the removal of lagging-strand Okazaki fragment RNA primers during DNA replication. Ribonuclease H2 subunit C also mediates the excision of single ribonucleotides from DNA:RNA duplexes.

细胞定位 Nuclear

图片



Western blot - Anti-AGS3 antibody (ab89726)

All lanes : Anti-AGS3 antibody (ab89726) at 1 µg/ml

Lane 1 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

Lane 2 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 3 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

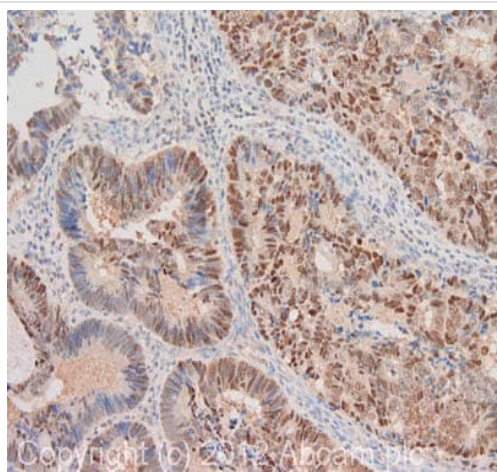
Predicted band size: 18 kDa

Observed band size: 20 kDa

Additional bands at: 45 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 12 minutes

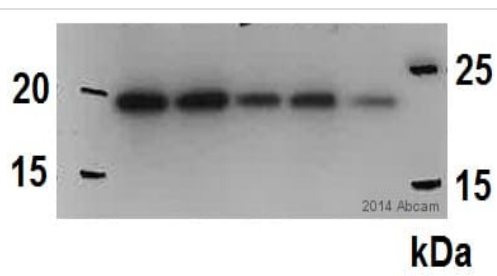
AGS3 contains a potential phosphorylation site (SwissProt) which may explain its migration at a higher molecular weight (20 kDa) than predicted (18 kDa).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AGS3 antibody (ab89726)

IHC image of AGS3 staining in human colon adenocarcinoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab89726, 1 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Western blot - Anti-AGS3 antibody (ab89726)

This image is courtesy of an Abreview submitted by Sarah Deasy

All lanes : Anti-AGS3 antibody (ab89726) at 1 µg/ml

All lanes : Mouse Pei1 whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : HRP-conjugated goat anti-rabbit IgG polyclonal at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 18 kDa

Observed band size: 18 kDa

Exposure time: 1 second

Knockdown of Rnaseh2c using shRNA along with scramble control.

Lane 1: scramble shRNA

Lane 2: shRNA #1

Lane 3: shRNA #2

Lane 4: shRNA #3

Lane 5: shRNA #4

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