

Anti-AGS3 antibody ab80880

★☆☆☆☆ [1 Abreviews](#) [1 Image](#)

Overview

Product name	Anti-AGS3 antibody
Description	Rabbit polyclonal to AGS3
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human AGS3 aa 1-100 conjugated to keyhole limpet haemocyanin. (Peptide available as ab90249)
Positive control	This antibody gave a positive signal in the following whole cell lysates: HEK293; HepG2.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>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.</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab80880 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		Use a concentration of 1 µg/ml. Detects a band of approximately 20 kDa (predicted molecular weight: 18 kDa).

Target

Relevance

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.

Cellular localization

Nuclear

Images



All lanes : Anti-AGS3 antibody (ab80880) at 1 µg/ml

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

Lane 2 : 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

Exposure time: 20 minutes

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

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

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