


Product datasheet

Anti-eIF4GII antibody - N-terminal ab155482

3 Images

Overview

Product name	Anti-eIF4GII antibody - N-terminal
Description	Rabbit polyclonal to eIF4GII - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Recombinant fragment corresponding to a region within N-terminal amino acids 1-203 of Human eIF4GII (Uniprot: O43432).
Positive control	Recombinant Human eIF4GII protein (ab132478) can be used as a positive control in WB. 293T, A431, HeLa, JC, BCL-1 and HepG2 whole cell lysates. Human AGS xenograft 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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 78% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155482 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		1/5000 - 1/20000. Predicted molecular weight: 177 kDa.
IHC-P		1/100 - 1/1000.

Target

Function

Probable component of the protein complex eIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure and recruitment of mRNA to the ribosome. Thought to be a functional homolog of EIF4G1.

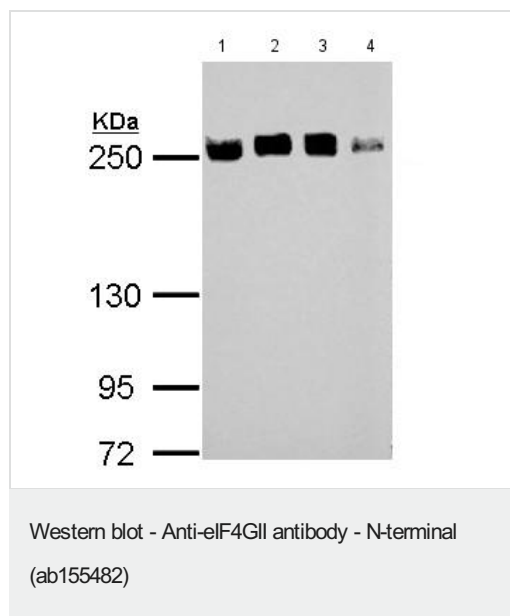
Sequence similarities

Belongs to the eukaryotic initiation factor 4G family.
Contains 5 HEAT repeats.
Contains 1 MI domain.
Contains 1 MIF4G domain.
Contains 1 W2 domain.

Post-translational modifications

Following infection by certain enteroviruses, rhinoviruses and aphthoviruses, EIF4G1 is cleaved by the viral protease 2A, or the leader protease in the case of aphthoviruses. This shuts down the capped cellular mRNA transcription.

Images



All lanes : Anti-eIF4GII antibody - N-terminal (ab155482) at 1/10000 dilution

Lane 1 : 293T whole cell lysate

Lane 2 : A431 whole cell lysate

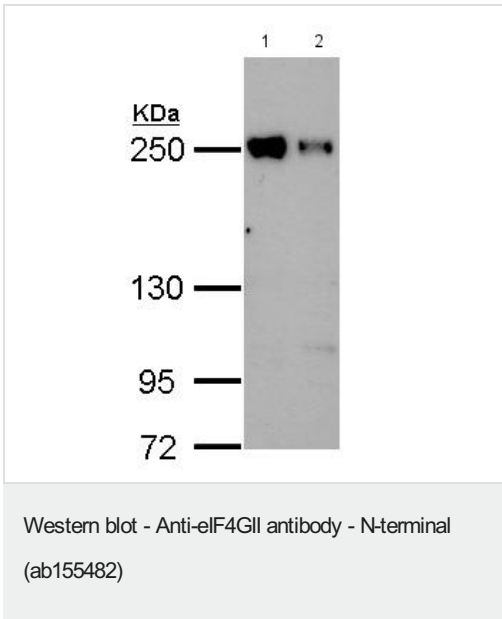
Lane 3 : HeLa whole cell lysate

Lane 4 : HepG2 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 177 kDa

5% SDS PAGE



All lanes : Anti-eIF4GII antibody - N-terminal (ab155482) at 1/5000 dilution

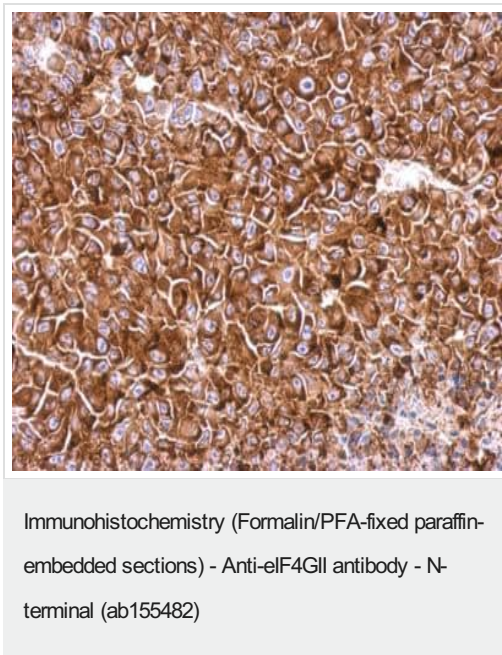
Lane 1 : Mouse JC whole cell lysate

Lane 2 : Mouse BCL-1 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 177 kDa

5% SDS PAGE



Immunohistochemical analysis of paraffin-embedded Human AGS xenograft tissue, labeling eIF4GII using ab155482 at a 1/500 dilution.

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

Our Promise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors