

Product datasheet

Anti-Gemin 5 antibody - C-terminal ab229640

3 Images

Overview

Product name	Anti-Gemin 5 antibody - C-terminal
Description	Rabbit polyclonal to Gemin 5 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IP, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment within Human Gemin 5 (C terminal). The exact sequence is proprietary. Database link: Q8TEQ6
Positive control	ICC/IF: HeLa cells. IP: HepG2 whole cell extracts. WB: HeLa and HepG2 whole cell extracts.

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin Constituents: PBS, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab229640** 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
ICC/IF		1/100 - 1/1000.
IP		1/100 - 1/500.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 169 kDa.

Target

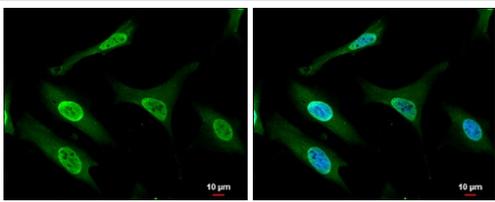
Relevance

Gemin 5 is part of a large macromolecular complex localized to both the cytoplasm and the nucleus that plays a role in the cytoplasmic assembly of small nuclear ribonucleoproteins (snRNPs). Other members of this complex include SMN, Gemin 2 (SIP1), Gemin 3 (DDX20), and Gemin 4.

Cellular localization

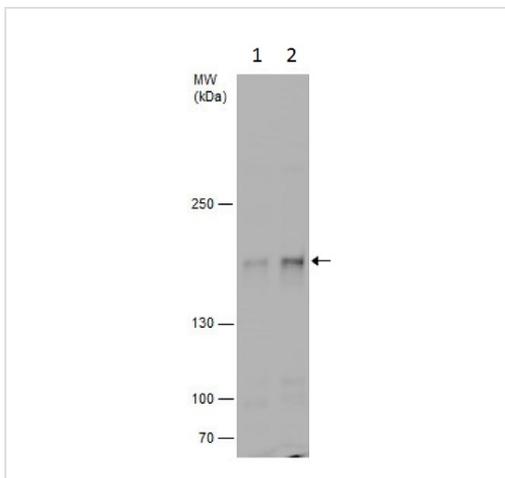
Nuclear and cytoplasmic

Images



Immunocytochemistry/ Immunofluorescence - Anti-Gemin 5 antibody - C-terminal (ab229640)

HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for Gemin 5 (green) using ab229640 (1/500 dilution) in ICC/IF. Cells were fixed in 4% paraformaldehyde at RT for 15 minutes. Counterstain: Hoechst 33342 (blue).



Western blot - Anti-Gemin 5 antibody - C-terminal (ab229640)

All lanes : Anti-Gemin 5 antibody - C-terminal (ab229640) at 1/500 dilution

Lane 1 : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell extracts

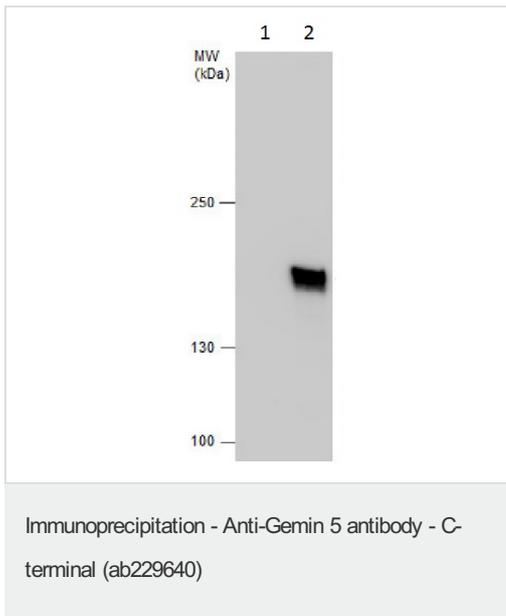
Lane 2 : HepG2 (Human liver hepatocellular carcinoma cell line) whole cell extracts

Lysates/proteins at 30 µg per lane.

Developed using the ECL technique.

Predicted band size: 169 kDa

5% SDS-PAGE



Gemin 5 was immunoprecipitated from HepG2 (human liver hepatocellular carcinoma cell line) whole cell extracts using 5 µg of ab229640. Western blot was performed from the immunoprecipitate using ab229640.

Lane 1: Control IgG IP in HepG2 whole cell extracts.

Lane 2: ab229640 IP in HepG2 whole cell extracts.

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

Our Abpromise 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