

Product datasheet

Anti-NOL5A antibody - C-terminal ab229497

4 Images

Overview

Product name	Anti-NOL5A antibody - C-terminal
Description	Rabbit polyclonal to NOL5A - C-terminal
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IP, IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee 
Immunogen	Recombinant fragment within Human NOL5A (C terminal). The exact sequence is proprietary. Database link: O00567
Positive control	WB: HEK-293T, A431, HeLa and HepG2 whole cell extracts. IP: HEK-293T whole cell extract. IHC-P: Human breast carcinoma tissue. ICC/IF: HeLa cells.
General notes	This product was previously labelled as NOL5A

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 **ab229497** 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.
IHC-P		1/100 - 1/1000.
WB		1/500 - 1/3000. Predicted molecular weight: 66 kDa.

Target

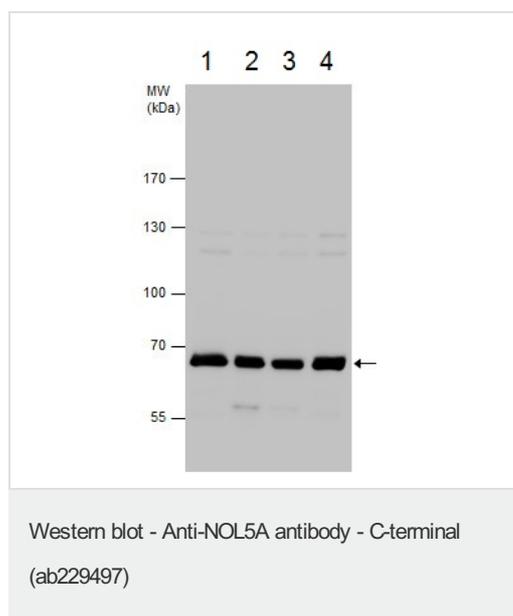
Relevance

NOL5A is similar in sequence to Nop56p, a yeast nucleolar protein that is part of a complex with the nucleolar proteins Nop58p and fibrillarin. Like Nop56p, NOL5A is found in the nucleolus and is thought to be required for 60S ribosomal subunit biogenesis. Multiple transcript variants encoding several isoforms have been identified for this gene, but the full-length nature of most of them is not yet determined.

Cellular localization

Nuclear; nucleolus

Images



All lanes : Anti-NOL5A antibody - C-terminal (ab229497) at 1/1000 dilution

Lane 1 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell extract

Lane 2 : A431 (human epidermoid carcinoma cell line) whole cell extract

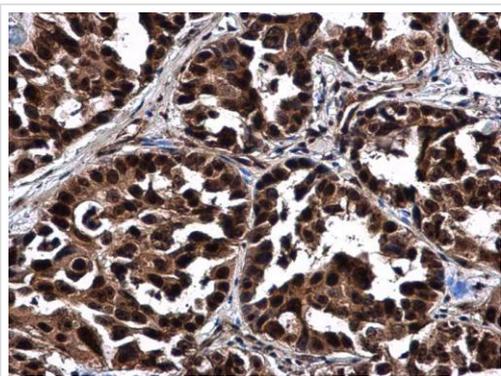
Lane 3 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell extract

Lane 4 : HepG2 (human liver hepatocellular carcinoma cell line) whole cell extract

Lysates/proteins at 30 µg per lane.

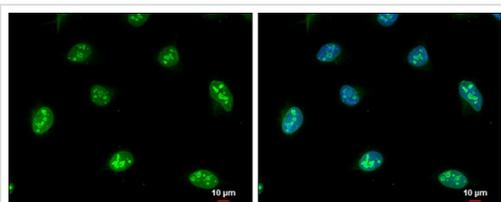
Predicted band size: 66 kDa

7.5% SDS-PAGE gel.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NOL5A antibody - C-terminal (ab229497)

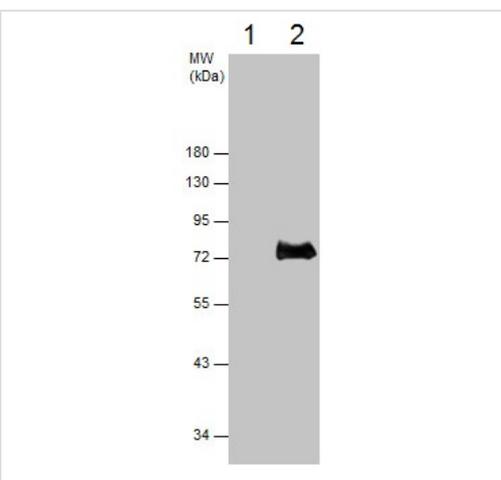
Paraffin-embedded human breast carcinoma tissue stained for NOL5A using ab229497 at 1/500 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-NOL5A antibody - C-terminal (ab229497)

HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for NOL5A (green) using ab229497 at 1/500 dilution in ICC/IF. Cells were fixed in 4% paraformaldehyde at RT for 15 minutes.

Nuclear counterstain: Hoechst 33342 (blue).



Immunoprecipitation - Anti-NOL5A antibody - C-terminal (ab229497)

NOL5A was immunoprecipitated from HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell extract with 5 µg of ab229497. Western blot was performed from the immunoprecipitate using ab229497. Anti-Rabbit IgG was used as a secondary reagent.

Lane 1: Control IgG instead of ab229497 in HEK-293T whole cell extract.

Lane 2: ab229497 IP in HEK-293T whole cell extract.

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