




Product datasheet

Anti-DDX47 antibody - C-terminal ab224094

4 Images

Overview

Product name	Anti-DDX47 antibody - C-terminal
Description	Rabbit polyclonal to DDX47 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Cow 
Immunogen	Recombinant fragment corresponding to Human DDX47 aa 348-455 (C terminal). Sequence: IHRVGRTARAGRSGKAITFVTQYDVELFQRIEHLIGKKLP GFPTQDDEV MLTERVAEAQRFARMELREHGEKKKRSREDAGDND TEGAIGVRNKVAGG KMKKRKGR Database link: Q9H0S4  Run BLAST with  Run BLAST with
Positive control	WB: RT4, U-251 MG, NIH/3T3 and NBT-II cell lysates. IHC-P: Human esophagus tissue. ICC/IF: U-2 OS cells.

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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Applications

Our [Abpromise guarantee](#) covers the use of **ab224094** 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		1/100 - 1/250. Predicted molecular weight: 45,51 kDa.
IHC-P		1/20 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 1 - 4 µg/ml. Fixation/permeabilization: PFA/Triton X-100.

Target

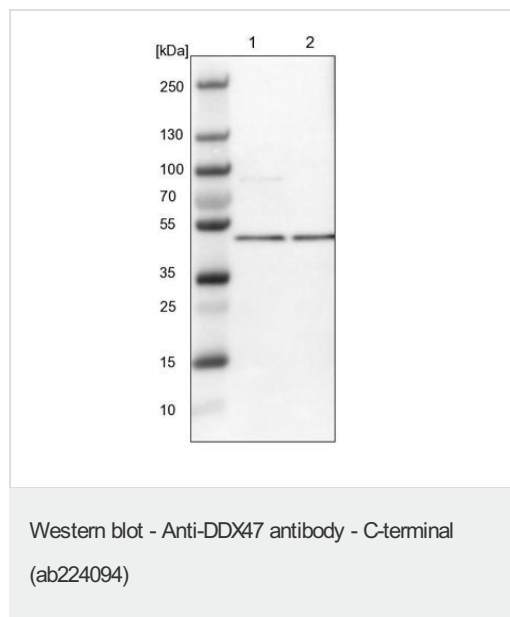
Sequence similarities

Belongs to the DEAD box helicase family, DDX47/RRP3 subfamily.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.

Cellular localization

Nucleus > nucleolus.

Images

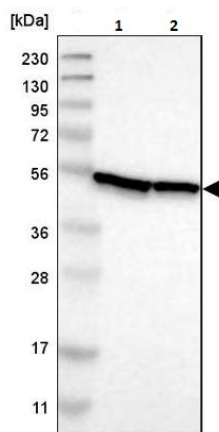


All lanes : Anti-DDX47 antibody - C-terminal (ab224094) at 1/100 dilution

Lane 1 : NIH/3T3 (mouse embryonic fibroblast cell line) cell lysate

Lane 2 : NBT-II cell lysate

Predicted band size: 45,51 kDa



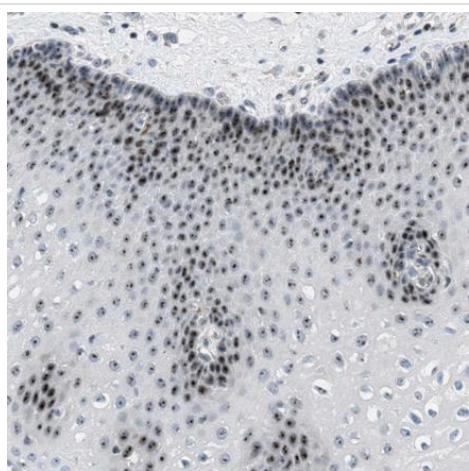
Western blot - Anti-DDX47 antibody - C-terminal (ab224094)

All lanes : Anti-DDX47 antibody - C-terminal (ab224094) at 1/100 dilution

Lane 1 : RT4 (human urinary bladder cancer cell line) cell lysate

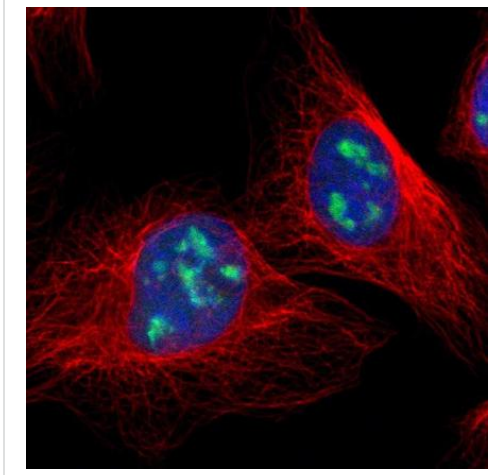
Lane 2 : U-251 MG (human brain glioma cell line) cell lysate

Predicted band size: 45,51 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDX47 antibody - C-terminal (ab224094)

Paraffin-embedded human esophagus tissue stained for DDX47 using ab224094 at 1/20 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-DDX47 antibody - C-terminal (ab224094)

PFA-fixed, Triton X-100 permeabilized U-2 OS (human bone osteosarcoma epithelial cell line) cells stained for DDX47 (green) using ab224094 at 4 µg/ml in ICC/IF.

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