

Product datasheet

Anti-DDX5 antibody ab92917

[4 Images](#)

Overview

Product name	Anti-DDX5 antibody
Description	Mouse polyclonal to DDX5
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant full length protein within Human DDX5. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.
Positive control	DDX5 transfected 293T lysate, Hela nuclear extract, Raw 264.7 cell lysate and Hela cells
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 and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.40 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab92917 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		1/500 - 1/1000. Predicted molecular weight: 69 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

Target

Function

RNA-dependent ATPase activity. The rate of ATP hydrolysis is highly stimulated by single-stranded RNA. May be involved in pre-mRNA splicing.

Sequence similarities

Belongs to the DEAD box helicase family. DDX5/DBP2 subfamily.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.

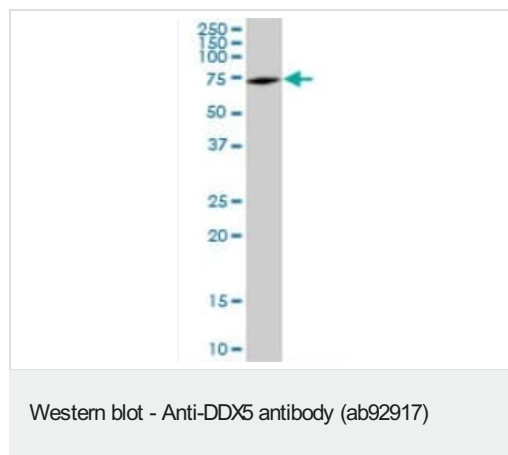
Post-translational modifications

Arg-502 is dimethylated, probably to asymmetric dimethylarginine.

Cellular localization

Nucleus > nucleolus.

Images



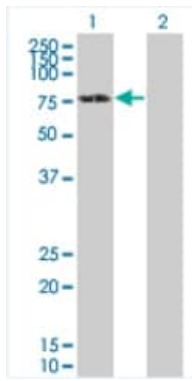
Anti-DDX5 antibody (ab92917) at 1/500 dilution + HeLa nuclear extract at 50 µg

Predicted band size: 69 kDa



Anti-DDX5 antibody (ab92917) at 1/500 dilution + Mouse raw 264.7 cell lysate at 50 µg

Predicted band size: 69 kDa



Western blot - Anti-DDX5 antibody (ab92917)

All lanes : Anti-DDX5 antibody (ab92917) at 1/500 dilution

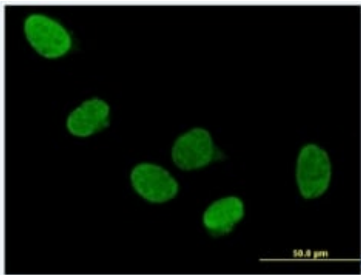
Lane 1 : DDX5 (human) transfected lysate

Lane 2 : Non-transfected lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 69 kDa

Observed band size: 68 kDa



Immunocytochemistry/ Immunofluorescence - Anti-DDX5 antibody (ab92917)

Immunofluorescence analysis of HeLa cells labelled with ab92917 at 10 µg/ml.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- 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

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