


Product datasheet

Anti-DDX46 antibody ab72083

[2 References](#) [3 Images](#)

Overview

Product name	Anti-DDX46 antibody
Description	Rabbit polyclonal to DDX46
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Xenopus tropicalis, Platypus 
Immunogen	Synthetic peptide corresponding to Human DDX46. Database link: Q7L014
Positive control	IHC-P: Human breast carcinoma. WB: HeLa, 293T, NIH/3T3 whole cell lysate. IP: 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. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab72083 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		1/2000 - 1/10000. Detects a band of approximately 150 kDa (predicted molecular weight: 117 kDa).
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

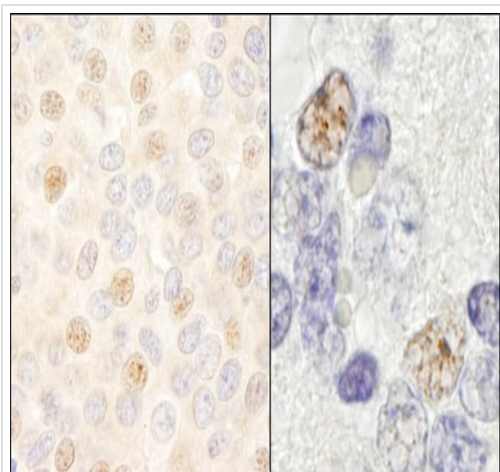
Relevance

Plays an essential role in splicing, either prior to, or during splicing A complex formation.

Cellular localization

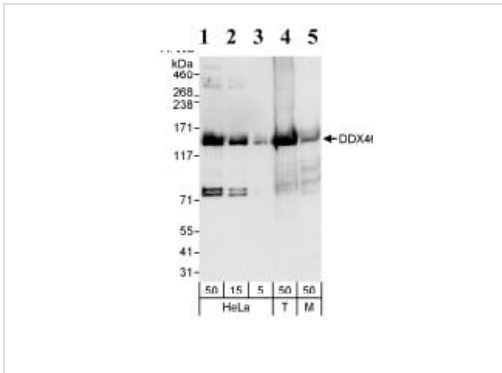
Nucleus speckle. Nucleus, Cajal body.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma (left) and mouse teratoma (right) tissues labelling DDX46 with ab72083 at 1/200 (1µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDX46 antibody (ab72083)



Western blot - Anti-DDX46 antibody (ab72083)

All lanes : Anti-DDX46 antibody (ab72083) at 0.04 µg/ml

Lane 1 : Whole cell lysate from HeLa cells at 50 µg

Lane 2 : Whole cell lysate from HeLa cells at 15 µg

Lane 3 : Whole cell lysate from HeLa cells at 5 µg

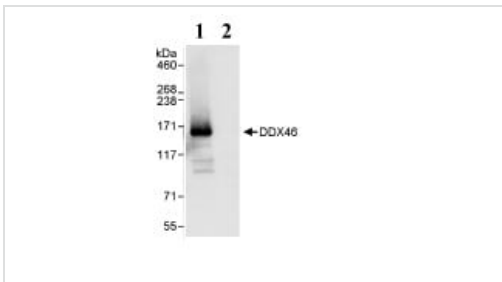
Lane 4 : Whole cell lysate from 293T cells at 50 µg

Lane 5 : Whole cell lysate from NIH/3T3 cells at 50 µg

Predicted band size: 117 kDa

Observed band size: 150 kDa

Additional bands at: 75 kDa, 77 kDa. We are unsure as to the identity of these extra bands.



Immunoprecipitation - Anti-DDX46 antibody (ab72083)

Analysis of Human DDX46 by Immunoprecipitation in whole cell lysate from HeLa (1 mg for IP, 20% of IP loaded) cells using ab72083 at 3 µg/mg lysate (lane 1) or a control rabbit IgG (lane 2). ab72083 was used for WB detection at 1 µg/ml. Detection: chemiluminescence, exposure time 3 seconds.

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