


Product datasheet

Anti-DHX36 antibody ab70269

★★★★☆ [2 Abreviews](#) [12 References](#) [5 Images](#)

Overview

Product name	Anti-DHX36 antibody
Description	Rabbit polyclonal to DHX36
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rhesus monkey, Gorilla, Orangutan 
Immunogen	A region corresponding to C terminal amino acids 950-1008 of Human DHX36 (NP_065916.1)
Positive control	WB: HeLa, HEK293T, Jurkat, mouse NIH3T3, TCKM, Renca whole cell lysates; IHC: human testicular seminoma, human testis;
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: 7 Preservative: 0.09% Sodium azide Constituents: 1.815% Tris, 1.764% Sodium citrate, 0.021% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab70269 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
IHC-P		Use at an assay dependent concentration.
WB	★★★★★ (1)	1/5000 - 1/15000. Detects a band of approximately 115 kDa (predicted molecular weight: 115 kDa).
IP		Use at 2-5 µg/mg of lysate.

Target

Function

Plays a role in degradation and deadenylation of mRNAs containing in their 3'-UTR the consensus ARE sequence element. May function in sex development and spermatogenesis.

Tissue specificity

Highly expressed in testis.

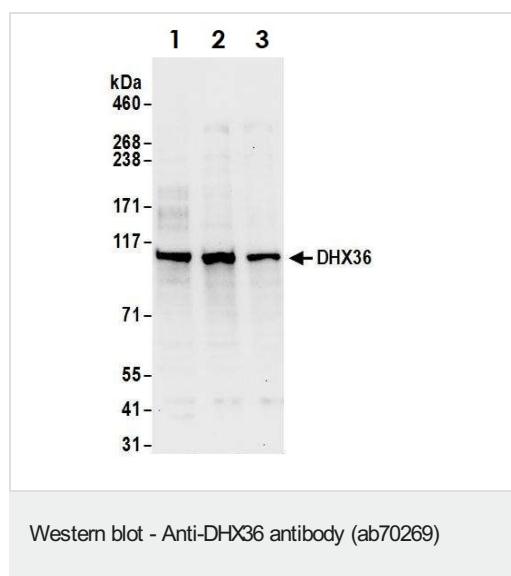
Sequence similarities

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

Cellular localization

Nucleus. Cytoplasm. Isoform 1 preferentially localized to the nucleus and isoform 2 localized to the cytoplasm. However, partitioning of cellular localization between the nucleus and cytoplasm is not exclusive, as isoform 1 was also detected in the cytoplasm. Both isoforms were excluded from nucleoli.

Images



All lanes : Anti-DHX36 antibody (ab70269) at 1 µg/ml

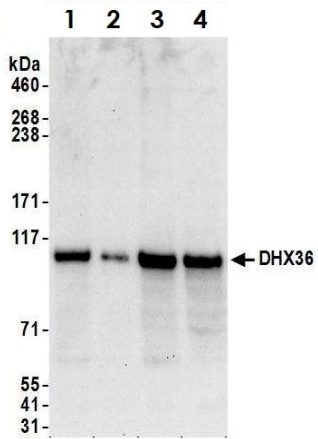
Lane 1 : NIH/3T3 whole cell lysate

Lane 2 : TCKM whole cell lysate

Lane 3 : Renca whole cell lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 115 kDa



Western blot - Anti-DHX36 antibody (ab70269)

All lanes : Anti-DHX36 antibody (ab70269) at 0.4 µg/ml

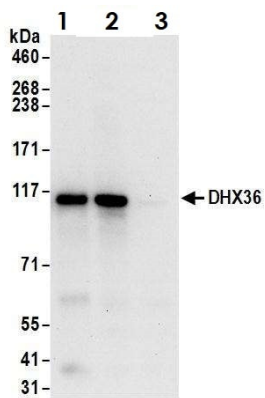
Lane 1 : HeLa cell lysate at 50 µg

Lane 2 : HeLa cell lysate at 15 µg

Lane 3 : HEK293T cell lysate at 50 µg

Lane 4 : Jurkat cell lysate at 50 µg

Predicted band size: 115 kDa



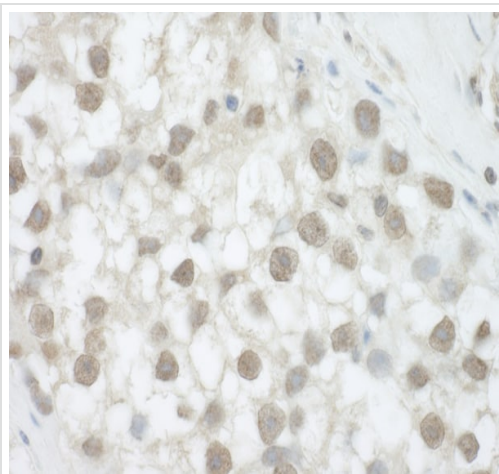
Immunoprecipitation - Anti-DHX36 antibody (ab70269)

Immunoprecipitation of HeLa whole cell lysate using ab70269

Lane 1: current lot ab70269

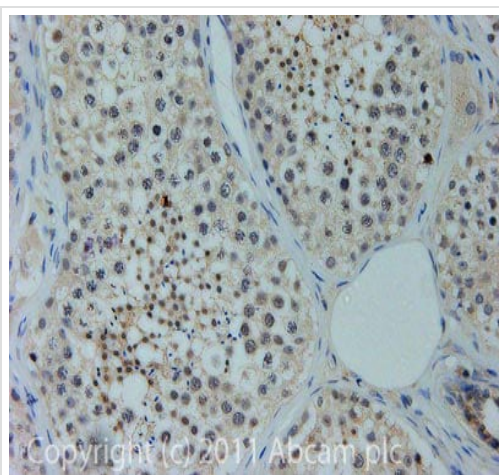
Lane 2: previous lot ab70269

Lane 3: Control IgG



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DHX36 antibody (ab70269)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testicular seminoma tissue labelling DHX36 with ab70269 at 1/1000 (1µg/ml). Detection: DAB.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DHX36 antibody (ab70269)

IHC image of ab70269 staining in Human testis formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab70269, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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