

Product datasheet

Anti-DHX37 antibody ab70778

[2 Images](#)

Overview

Product name	Anti-DHX37 antibody
Description	Rabbit polyclonal to DHX37
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Guinea pig, Cow, Pig, Rhesus monkey, Gorilla, Elephant
Immunogen	Synthetic peptide corresponding to a region between residue 1 and 50 of human DHX37 (NP_116045.2).
Positive control	HeLa, 293T and NIH3T3 whole cell lysates.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab70778 was affinity purified using an epitope specific to DHX37 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab70778** 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		

Application	Abreviews	Notes
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IP

Application notes

IP: Use at 2-5µg/mg of lysate.
 WB: 1/2000 - 1/10000. Detects a band of approximately 150 kDa (predicted molecular weight: 130 kDa).

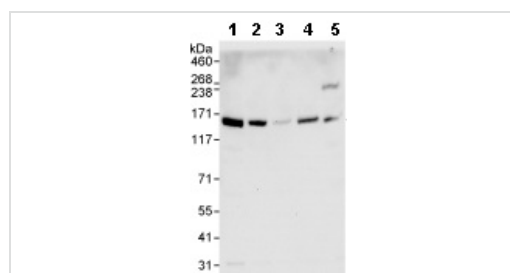
Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

DHX37 is a member of the family of the DEAD box proteins, a group of proteins that present the conserved motif Asp-Glu-Ala-Asp (DEAD). They have a role in RNA translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly.

Images



Western blot - DHX37 antibody (ab70778)

All lanes : Anti-DHX37 antibody (ab70778) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

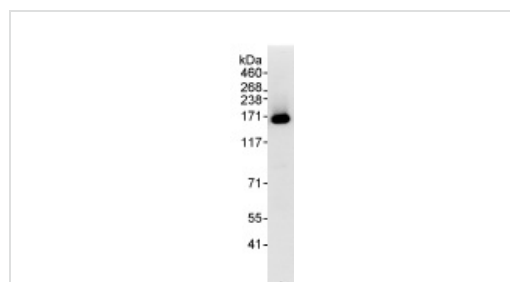
Lane 4 : 293T whole cell lysate at 50 µg

Lane 5 : NIH3T3 whole cell lysate at 50 µg

Predicted band size: 130 kDa

Observed band size: 150 kDa

Exposure time: 30 seconds



Immunoprecipitation - DHX37 antibody (ab70778)

Detection of DHX37 by Western Blot of Immunoprecipitate. ab70778 at 1µg/ml staining DHX37 in HeLa whole cell lysate immunoprecipitated using ab70778 at 3µg/mg lysate (1 mg/IP; 20% of IP loaded/lane). Detection: Chemiluminescence with exposure time of 10 seconds.

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