

## Product datasheet

# Anti-DHX37 antibody ab70778

[2 Images](#)

### Overview

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

### Properties

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

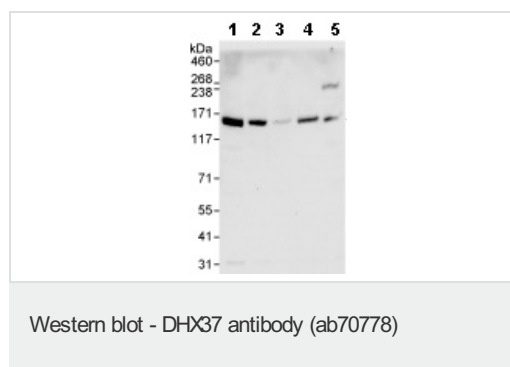
Optimal dilutions/concentrations should be determined by the end user.

## 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



**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

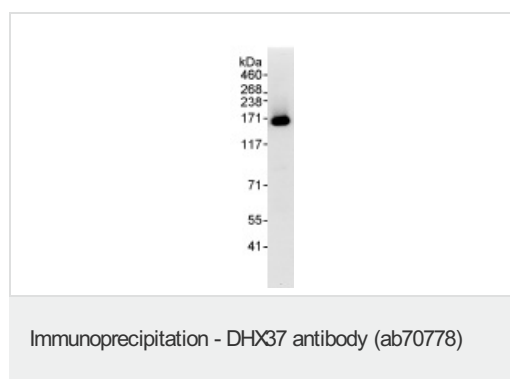
**Lane 4** : 293T whole cell lysate at 50 µg

**Lane 5** : NIH3T3 whole cell lysate at 50 µg

**Predicted band size** : 130 kDa

**Observed band size** : 150 kDa

**Exposure time** : 30 seconds



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.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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