


Anti-DHX30 antibody ab85754

2 Images

Overview

Product name	Anti-DHX30 antibody
Description	Rabbit polyclonal to DHX30
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Rat, Rabbit, Horse, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Chinese hamster, Orangutan 
Immunogen	Synthetic peptide, corresponding to a region between residues 1144 and 1194 of human DHX30 (NP_619520.1)
Positive control	HeLa and 293T whole cell lysates.
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: Tris buffered saline, 0.1% BSA
Purity	Immunogen affinity purified
Purification notes	ab85754 was affinity purified using an epitope specific to DHX30 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab85754 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 134 kDa (predicted molecular weight: 134 kDa).
IP		Use at 5-10 µg/mg of lysate.

Target

Sequence similarities

Belongs to the DEAD box helicase family. DEAH subfamily.
Contains 1 DRBM (double-stranded RNA-binding) domain.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.

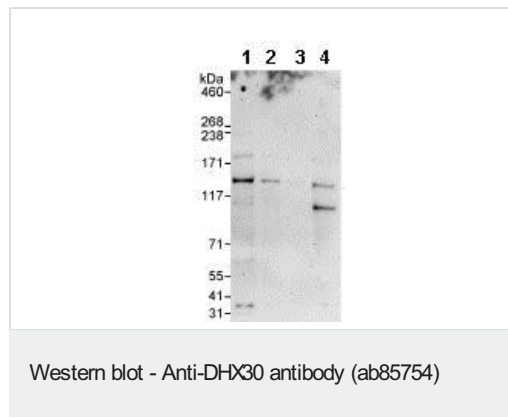
Post-translational modifications

Isoform 2 is phosphorylated on Ser-15.

Cellular localization

Cytoplasm and Mitochondrion. Cytoplasm. Mitochondrion matrix > mitochondrion nucleoid.

Images



All lanes : Anti-DHX30 antibody (ab85754) 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

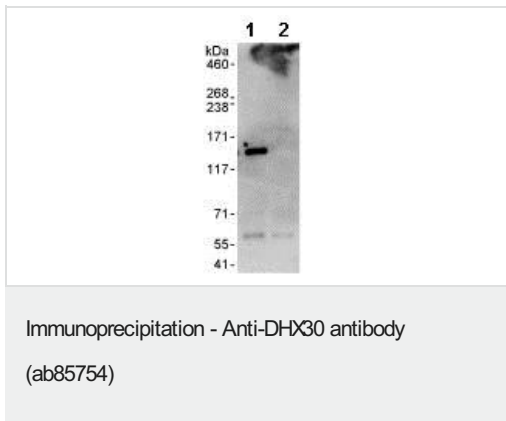
Lane 4 : 293T whole cell lysate at 50 µg

Predicted band size: 134 kDa

Observed band size: 134 kDa

Additional bands at: 110 kDa, 180 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 3 minutes



Detection of Human DHX3 by Western Blot of Immunoprecipitate.
All lanes: ab85754 at 0.4µg/ml staining DHX3 in HeLa whole cell lysates immunoprecipitated at 10µg/mg lysate (1 mg/IP; 20% of IP loaded/lane) using the following antibodies:
Lane 1: ab85754
Lane 2: Control IgG
Detection: Chemiluminescence with exposure time of 3 minutes.

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

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