abcam

Product datasheet

Anti-DDX47 antibody ab225870

2 Images

Overview

Product name	Anti-DDX47 antibody
Description	Rabbit polyclonal to DDX47
Host species	Rabbit
Tested applications	**Suitable for:** WB, IP
Species reactivity	**Reacts with:** Mouse, Human
	Predicted to work with: Rat, Rabbit, Horse, Cow, Pig, Chimpanzee, Cynomolgus monkey, Rhesus monkey, Gorilla, Chinese hamster ⚠
Immunogen	Synthetic peptide within Human DDX47 aa 405-455. The exact sequence is proprietary. (NP_057439.2). Database link: **Q9H0S4**
Positive control	WB: HeLa, HEK-293T and NIH/3T3 whole cell lysates. IP: HeLa whole cell lysate.
General notes	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.
	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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
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 application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

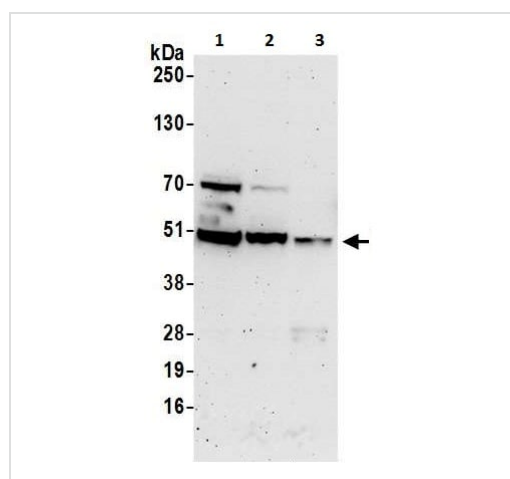| Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 50 kDa.
IP		Use at 2-10 µg/mg of lysate.

Target

Sequence similarities	Belongs to the DEAD box helicase family. DDX47/RRP3 subfamily.
	Contains 1 helicase ATP-binding domain.
	Contains 1 helicase C-terminal domain.
Cellular localization	Nucleus > nucleolus.

Images

Western blot - Anti-DDX47 antibody (ab225870)

All lanes : Anti-DDX47 antibody (ab225870) at 0.1 µg/ml

Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lane 2 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lane 3 : NIH/3T3 (mouse embryo fibroblast cell line) whole cell lysate
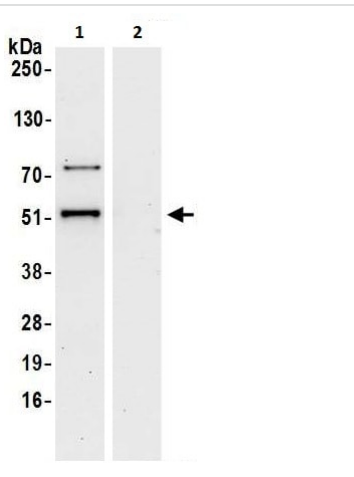
Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 50 kDa

Exposure time: 3 minutes

Lysates prepared using NETN lysis buffer.

DDX47 was immunoprecipitated from HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate (1 mg for IP, 20% of IP loaded) with ab225870 at 6 µg/mg lysate. Western blot was performed from the immunoprecipitate using ab225870 at 0.4 µg/ml.

Lane 1: ab225870 IP in HeLa whole cell lysate.

Lane 2: Control IgG IP in HeLa whole cell lysate.

Detection: Chemiluminescence with exposure time of 30 seconds.

Immunoprecipitation - Anti-DDX47 antibody
(ab225870)

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