

A17955

Leader in Biomolecular Solutions for Life Science



DHX9/RNA Helicase A Rabbit pAb

Catalog No.: A17955

4 Publications

Basic Information

Observed MW

150kDa

Calculated MW

141kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

This gene encodes a member of the DEAH-containing family of RNA helicases. The encoded protein is an enzyme that catalyzes the ATP-dependent unwinding of double-stranded RNA and DNA-RNA complexes. This protein localizes to both the nucleus and the cytoplasm and functions as a transcriptional regulator. This protein may also be involved in the expression and nuclear export of retroviral RNAs. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 11 and 13.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts
of whole cells

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Immunogen Information

Gene ID

1660

Swiss Prot

Q08211

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

LKP; RHA; DDX9; NDH2; NDHII; DHX9/RNA Helicase A

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

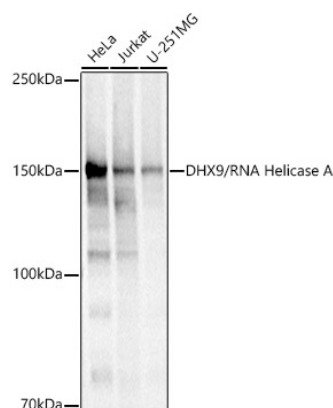
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Contact



www.abclonal.com

Validation Data



Western blot analysis of various lysates using DHX9/RNA Helicase A Rabbit pAb (A17955) at 1:500 dilution.

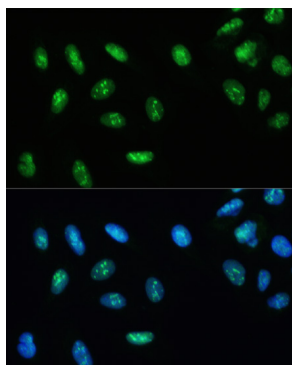
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

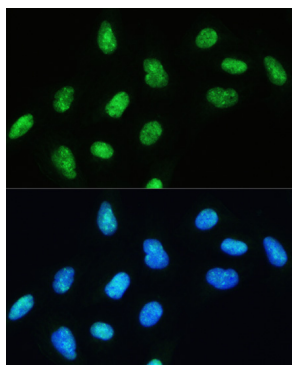
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

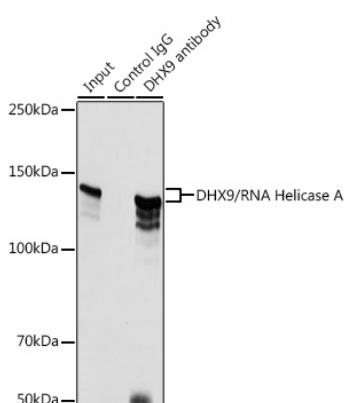
Exposure time: 0.5s.



Immunofluorescence analysis of U-2 OS cells using DHX9/RNA Helicase A Rabbit pAb (A17955) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using DHX9/RNA Helicase A Rabbit pAb (A17955) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 500 µg extracts of HeLa cells using 3 µg DHX9/RNA Helicase A antibody (A17955). Western blot was performed from the immunoprecipitate using DHX9/RNA Helicase A antibody (A17955) at a dilution of 1:2000.