

DHX9/RNA Helicase A Rabbit mAb

Catalog No.: A4563

Recombinant

3 Publications

Basic Information

Observed MW

141kDa

Calculated MW

141kDa

Category

Primary antibody

Applications

WB, IHC-P, IF/ICC, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1033

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 1:1000 - 1:6000**IHC-P** 1:200 - 1:2000**IF/ICC** 1:100 - 1:1000**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

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

LKP; RHA; DDX9; NDH2; NDH1; DHX9/RNA Helicase A

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

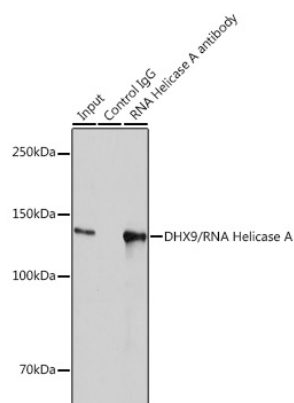
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

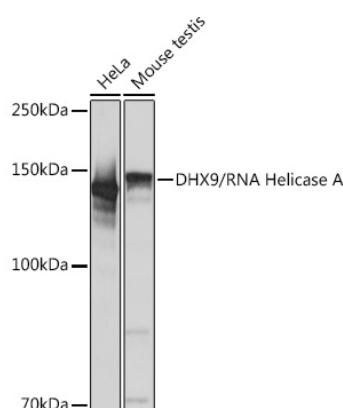
Contact

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Validation Data



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg DHX9/DHX9/RNA Helicase A antibody (A4563). Western blot was performed from the immunoprecipitate using DHX9/DHX9/RNA Helicase A antibody (A4563) at a dilution of 1:2000.



Western blot analysis of various lysates using DHX9/RNA Helicase A Rabbit mAb (A4563) at 1:1000 dilution.

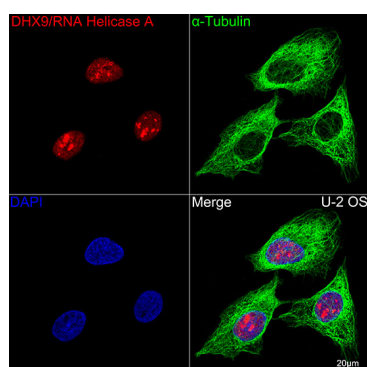
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

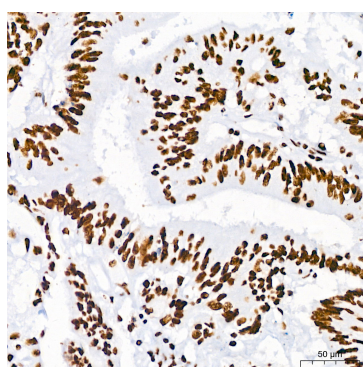
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

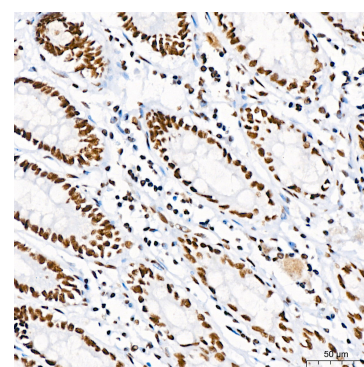
Exposure time: 1s.



Confocal imaging of U-2 OS cells using DHX9/RNA Helicase A Rabbit mAb (A4563, dilution 1:100) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.

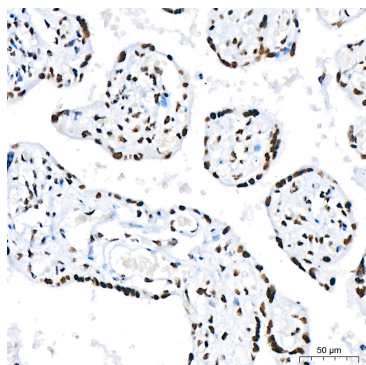


Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using DHX9/RNA Helicase A Rabbit mAb (A4563) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

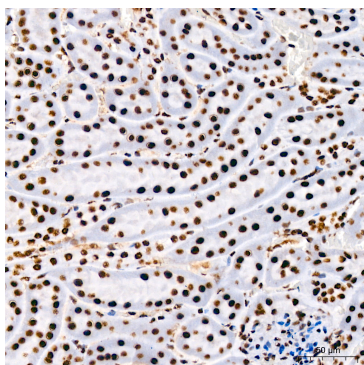


Immunohistochemistry analysis of paraffin-embedded Human colon using DHX9/RNA Helicase A Rabbit mAb (A4563) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

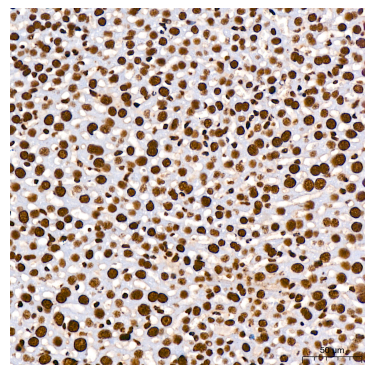
Validation Data



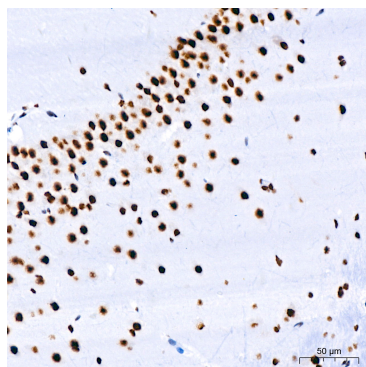
Immunohistochemistry analysis of paraffin-embedded Human placenta using DHX9/RNA Helicase A Rabbit mAb (A4563) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



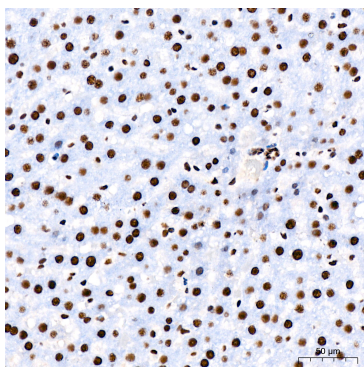
Immunohistochemistry analysis of paraffin-embedded Mouse kidney using DHX9/RNA Helicase A Rabbit mAb (A4563) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



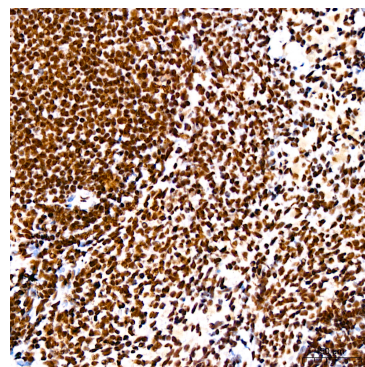
Immunohistochemistry analysis of paraffin-embedded Mouse liver using DHX9/RNA Helicase A Rabbit mAb (A4563) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



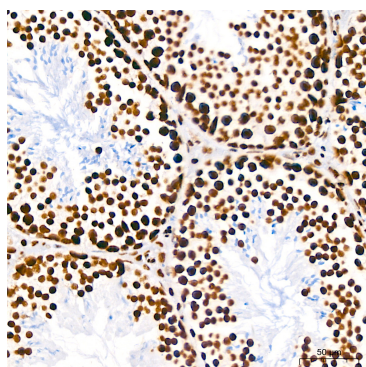
Immunohistochemistry analysis of paraffin-embedded Rat brain using DHX9/RNA Helicase A Rabbit mAb (A4563) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver using DHX9/RNA Helicase A Rabbit mAb (A4563) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using DHX9/RNA Helicase A Rabbit mAb (A4563) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis using DHX9/RNA Helicase A Rabbit mAb (A4563) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.