

## **Product datasheet for TA375467**

## RNA Helicase A (DHX9) Rabbit Polyclonal Antibody

## **Product data:**

**Product Type:** Primary Antibodies

**Applications:** ICC/IF, IP, WB

Recommended Dilution: WB,1:1000 - 1:2000

IF,1:50 - 1:200 IP,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Recombinant protein of human DHX9/RNA Helicase A

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

**Conjugation:** Unconjugated

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

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 24kDa/140kDa

**Gene Name:** DEAH-box helicase 9

Database Link: Entrez Gene 1660 Human

Q08211

**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.



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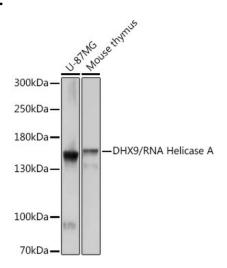
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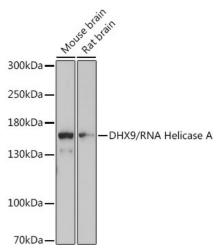
Synonyms:

DDX9; leukophysin; LKP; NDH2; NDHII; RHA

## **Product images:**

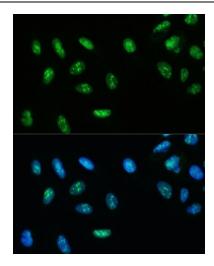


Western blot analysis of extracts of various cell lines, using DHX9/RNA Helicase Aantibody (TA375467) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 5s.

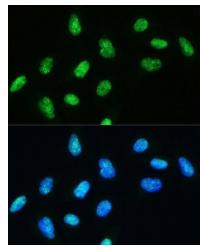


Western blot analysis of extracts of various cell lines, using DHX9/RNA Helicase Aantibody (TA375467) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 30s.

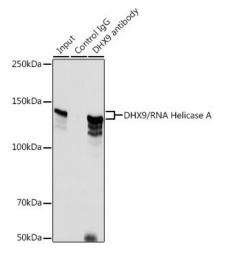




Immunofluorescence analysis of U-2 OS cells using DHX9/RNA Helicase Aantibody (TA375467) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using DHX9/RNA Helicase Aantibody (TA375467) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 500ug extracts of HeLa cells using 3ug DHX9/RNA Helicase Aantibody (TA375467). Western blot was performed from the immunoprecipitate using DHX9/RNA Helicase Aantibody (TA375467) at a dilition of 1:2000.