

ARG64920 anti-DHX9 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes DHX9
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DHX9
Species	Human
Immunogen	TEGRNALIHKSSVNC
Conjugation	Un-conjugated
Alternate Names	NDHII; Nuclear DNA helicase II; Leukophysin; ATP-dependent RNA helicase A; NDH2; NDH II; EC 3.6.4.13; RHA; DEAH box protein 9; DDX9; LKP

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml

Application Note
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 1660 Human](#)

[Swiss-port # Q08211 Human](#)

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.[provided by RefSeq, Feb 2010]

Research Area

Gene Regulation antibody

Calculated Mw

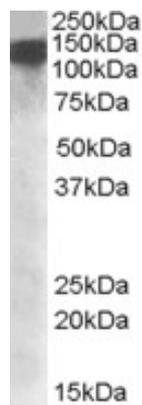
141 kDa

PTM

Methylated. HRMT1L2 mediated methylation of undefined Arg residues in the NTD is required for nuclear localization.

May be phosphorylated by PRKDC/XRCC7. Phosphorylated by EIF2AK2/PKR and this phosphorylation perturbs its association with dsRNA.

Images



ARG64920 anti-DHX9 antibody WB image

Western blot: 35 µg of nuclear HeLa lysate stained with ARG64920 anti-DHX9 antibody at 1 µg/ml dilution.