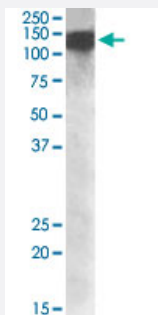


DHX9 polyclonal antibody

Catalog # PAB13674 Size 100 ug

Applications



Western Blot (Cell lysate)

DHX9 polyclonal antibody (Cat # PAB13674) (1 ug/mL) staining of nuclear HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DHX9.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human DHX9.
Sequence	TEGRNALIHKSSVNC
Host	Goat
Theoretical MW (kDa)	141
Reactivity	Human
Specificity	Approximately 140 KDa band observed in nuclear lysates of cell line HeLa (calculated MW of 141 KDa according to NP_001348.2).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

Recommend Usage	ELISA (1:16000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

DHX9 polyclonal antibody (Cat # PAB13674) (1 ug/mL) staining of nuclear HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — DHX9

Entrez GeneID	1660
Protein Accession#	NP_001348.2
Gene Name	DHX9
Gene Alias	DDX9, LKP, NDHII, RHA
Gene Description	DEAH (Asp-Glu-Ala-His) box polypeptide 9
Omim ID	603115
Gene Ontology	Hyperlink

Gene Summary	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein with RNA helicase activity. It may participate in melting of DNA:RNA hybrids, such as those that occur during transcription, and may play a role in X-linked gene expression. It contains 2 copies of a double-stranded RNA-binding domain, a DEXH core domain and an RGG box. The RNA-binding domains and RGG box influence and regulate RNA helicase activity. [provided by RefSeq]
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Other Designations

ATP-dependent RNA helicase A|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 9 (RNA helicase A)|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 9 (RNA helicase A, nuclear DNA helicase II; leukophysin)|DEAD/H box-9 (nuclear DNA helicase II; RNA helicase A)|OTTHU

Publication Reference

- [Oncoprotein EWS-FLI1 activity is enhanced by RNA helicase A.](#)

Toretsky JA, Erkizan V, Levenson A, Abaan OD, Parvin JD, Cripe TP, Rice AM, Lee SB, Uren A.

Cancer Research 2006 Jun; 66(11):5574.

Application: SDS-PAGE, WB-Ce, Human, Mouse, MEF, TC71, TC32, A4573, 6647, MMH-ES1, 5838, RD-ES cells

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)