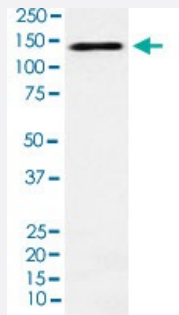


DHX9 monoclonal antibody, clone AEEH-4

Catalog # MAB22223 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human DHX9.
Immunogen	A synthetic peptide corresponding to human DHX9.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human DHX9, in native form and recombinant. Superfamily members of DHX9 are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:20) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage 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)

Western blot analysis of Jurkat cell lysate.

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

Gene Info — DHX9

Entrez GeneID	1660
Protein Accession#	Q08211
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]

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

Disease

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