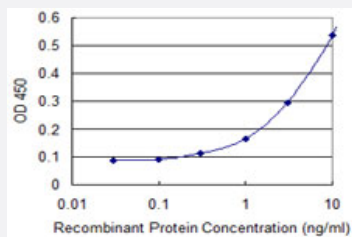


DHX9 monoclonal antibody (M03), clone 1D10

Catalog # H00001660-M03

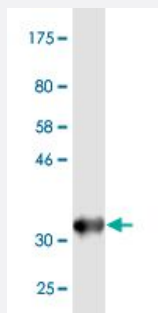
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DHX9 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant DHX9.

Immunogen

DHX9 (NP_001348, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MGDVKNFLYAWCGKRKMTPSYEIRAVGNKNRQKFMCEVQVEGYNYTGMGNSTNKKDAQSNAAR
DFVNYLVRINEIKSEEVPAPFGVASPPP

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (89); Rat (89)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DHX9 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DHX9

Entrez GeneID	1660
GeneBank Accession#	NM_001357
Protein Accession#	NP_001348
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](#)