

# DHX16 rabbit monoclonal antibody

Catalog # H00008449-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human DHX16 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DHX16 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DHX16 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — DHX16

Entrez GeneID [8449](#)

GeneBank Accession# [DHX16](#)

Gene Name DHX16

Gene Alias DBP2, DDX16, PRO2014, PRP8

Gene Description DEAH (Asp-Glu-Ala-His) box polypeptide 16

Omim ID [603405](#)

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, which is a functional homolog of fission yeast Prp8 protein involved in cell cycle progression. This gene is mapped to the MHC region on chromosome 6p21.3, a region where many malignant, genetic and autoimmune disease genes are linked. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

ATP-dependent RNA helicase #3|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16|DEAD/H box 16|OTTHUMP00000029071|Putative pre-mRNA splicing factor RNA helicase (ATP-dependent RNA helicase #3) (DEAH-box protein 16)|RNA helicase

## Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)