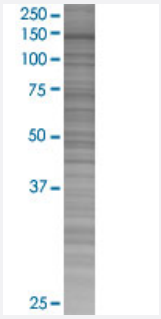
DHX16 293T Cell Transient Overexpression Lysate(Denatured)

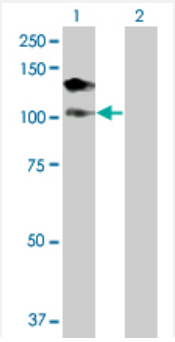
Catalog # H00008449-T01 Size 100 uL

Applications



SDS-PAGE Gel

DHX16 transfected lysate.



Western Blot

Lane 1: DHX16 transfected lysate (114.73 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DHX16 full-length
Host	Human
Theoretical MW (kDa)	114.73
Interspecies Antigen Sequence	Mouse (95); Rat (96)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-DHX16 antibody (H00008449-B01) by Western Blots. SDS-PAGE Gel DHX16 transfected lysate. Western Blot Lane 1: DHX16 transfected lysate (114.73 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — DHX16

Entrez GeneID	8449
GeneBank Accession#	BC008825
Protein Accession#	AAH08825
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