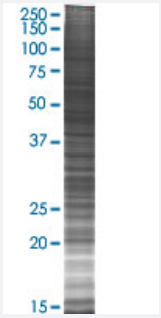
DDX56 293T Cell Transient Overexpression Lysate(Denatured)

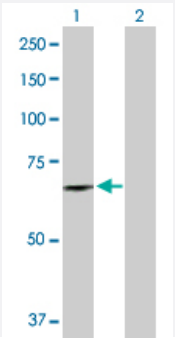
Catalog # H00054606-T02 Size 100 uL

Applications



SDS-PAGE Gel

DDX56 transfected lysate.



Western Blot

Lane 1: DDX56 transfected lysate (61.6 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DDX56 full-length
Host	Human
Theoretical MW (kDa)	61.6
Interspecies Antigen Sequence	Mouse (90); Rat (90)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-DDX56 antibody (H00054606-D01P) by Western Blots. SDS-PAGE Gel DDX56 transfected lysate. Western Blot Lane 1: DDX56 transfected lysate (61.6 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 — DDX56

Entrez GeneID	54606
GeneBank Accession#	NM_019082.2
Protein Accession#	NP_061955.1
Gene Name	DDX56
Gene Alias	DDX21, DDX26, NOH61
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 56
Omim ID	608023
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the DEAD box protein family. 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. The protein encoded by this gene shows ATPase activity in the presence of polynucleotides and associates with nucleoplasmic 65 S preribosomal particles. This gene may be involved in ribosome synthesis, most likely during assembly of the large 60S ribosomal subunit. [provided by RefSeq
Other Designations	61-kd nucleolar helicase|DEAD-box RNA helicase|putative nucleolar RNA helicase