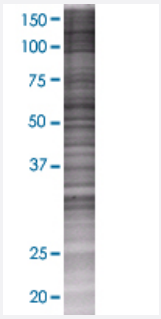
DDX19B 293T Cell Transient Overexpression Lysate(Denatured)

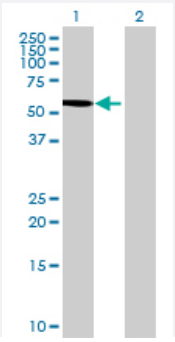
Catalog # H00011269-T01 Size 100 uL

Applications



SDS-PAGE Gel

DDX19B transfected lysate.



Western Blot

Lane 1: DDX19B transfected lysate (52.8 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DDX19B full-length
Host	Human
Theoretical MW (kDa)	52.8
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-DDX19B antibody (H00011269-B01) by Western Blots. SDS-PAGE Gel DDX19B transfected lysate. Western Blot Lane 1: DDX19B transfected lysate (52.8 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 — DDX19B

Entrez GeneID	11269
GeneBank Accession#	NM_007242.4
Protein Accession#	NP_009173.1
Gene Name	DDX19B
Gene Alias	DBP5, DDX19, RNAh
Gene Description	DEAD (Asp-Glu-Ala-As) box polypeptide 19B
Omim ID	605812
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 exhibits RNA-dependent ATPase and ATP-dependent RNA-unwinding activities. This protein is recruited to the cytoplasmic fibrils of the nuclear pore complex, where it participates in the export of mRNA from the nucleus. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq

Other Designations	ATP-dependent RNA helicase DDX19|DEAD (Asp-Glu-Ala-As) box polypeptide 19|DEAD-box RNA helicase DEAD5|DEAD-box protein 5|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 19 (Dbp5, yeast, homolog)|yeast Dbp5 homolog