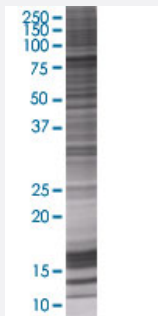


DDX3Y 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008653-T01

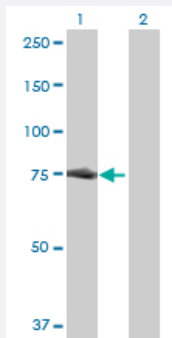
Size 100 uL

Applications



SDS-PAGE Gel

DDX3Y transfected lysate.



Western Blot

Lane 1: DDX3Y transfected lysate (72.71 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DDX3Y full-length
Host	Human
Theoretical MW (kDa)	72.71
Interspecies Antigen Sequence	Mouse (89)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-DDX3Y antibody ([H00008653-B01](#)) by Western Blots.
SDS-PAGE Gel
DDX3Y transfected lysate.
Western Blot
Lane 1: DDX3Y transfected lysate (72.71 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 — DDX3Y

Entrez GeneID[8653](#)**GeneBank Accession#**[NM_004660.2](#)**Protein Accession#**[NP_004651.2](#)**Gene Name**

DDX3Y

Gene Alias

DBY

Gene Description

DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked

Omim ID[400010](#)**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, and it has a homolog on the X chromosome. The gene mutation causes male infertility, Sertoli cell-only syndrome or severe hypospermatogenesis, suggesting that this gene plays a key role in the spermatogenic process. Alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations

DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide, Y chromosome|OTTHUMP00000034504