

## DDX3Y antibody

Catalog No: #22003

Package Size: #22003 100ul



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## Description

Product Name	DDX3Y antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 70 and 316 of DDX3Y
Target Name	DDX3Y
Accession No.	NCBI Gene ID: 8653NCBI mRNA#: NM_004660NCBI Protein#: NP_004651
Concentration	0.8mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

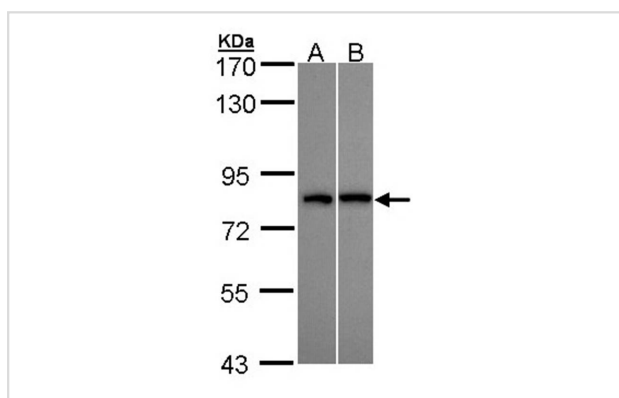
## Application Details

Predicted MW: 73kd

Western blotting: 1:500-1:3000

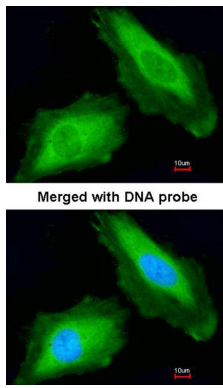
Immunofluorescence: 1:100-1:200

## Images



Sample (30 ug of whole cell lysate)  
 A: H1299  
 B: Hep G2  
 7.5% SDS PAGE  
 Primary antibody diluted at 1: 10000

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using DDX3Y antibody at 1: 200 dilution.



## Background

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]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.