

For Research Use Only

# DDX3Y Polyclonal antibody

Catalog Number: 14041-1-AP

1 Publications



## Basic Information

### Catalog Number:

14041-1-AP

### Size:

150ul , Concentration: 427 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5110

### GenBank Accession Number:

BC034942

### GeneID (NCBI):

8653

### UNIPROT ID:

O15523

### Full Name:

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

### Calculated MW:

73 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

IP

### Species Specificity:

human

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : DU 145 cells, LNCaP cells, PC-3 cells

IHC : human testis tissue,

## Background Information

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases which are implicated in a number of cellular processes involving RNA binding and alteration of RNA secondary structure. DDX3Y is one member of DEAD box RNA helicases, encode by the gene locate on the chromosome Y in the azoospermia factor A region. Polyclonal anti-DDX3Y antibodies (14041-1-AP) are produced by immunizing animals with C-terminus of DDX3Y and detect an 73-kDa band. As DDX3Y has a structural homolog with DDX3X, the antibody can recognize both.

## Notable Publications

Author	Pubmed ID	Journal	Application
Lei Xiu	38217953	Acta Histochem	IP

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

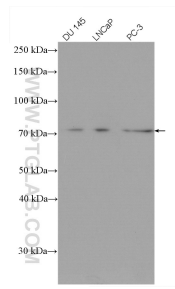
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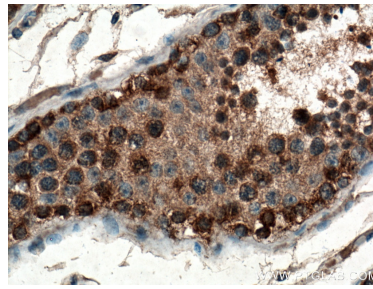
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14041-1-AP (DDX3Y antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14041-1-AP (DDX3Y antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).