

DDX3Y Polyclonal antibody

Catalog Number: 14041-1-AP

1 Publications

Basic Information

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|--|---|---|
| Catalog Number: 14041-1-AP | GenBank Accession Number: BC034942 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 427 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 8653 | Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:10-1:100 |
| Source: Rabbit | Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked | |
| Isotype: IgG | Calculated MW: 73 kDa | |
| Immunogen Catalog Number: AG5110 | | |

Applications

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|--|---|
| Tested Applications: IF, IHC, WB, ELISA | Positive Controls: WB : DU 145 cells, LNCaP cells, PC-3 cells IHC : human testis tissue, IF : Hela cells, |
| 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 | |

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

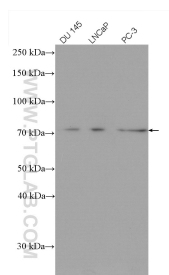
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
 Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

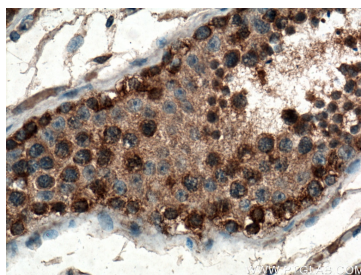
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
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Selected Validation Data



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).



Immunofluorescent analysis of HeLa cells, using DDX3Y antibody 14041-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).