

For Research Use Only

DDX3Y Polyclonal antibody, PBS Only

Catalog Number:14041-1-PBS



Basic Information

Catalog Number:

14041-1-PBS

Concentration:

1 mg/ml

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

Observed MW:

73 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

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.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

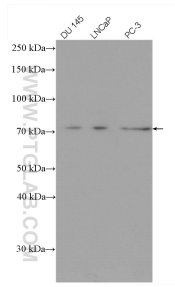
T: 4006900926

E: Proteintech-CN@ptglab.com

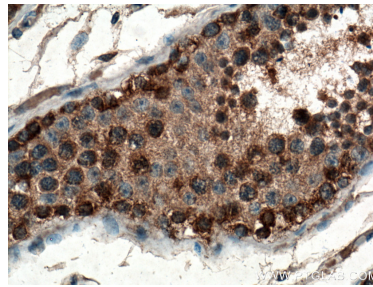
W: ptgcn.com

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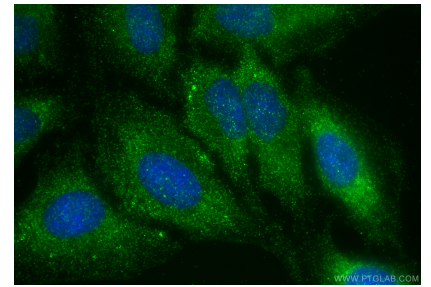
Selected Validation Data



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. This data was developed using the same antibody clone with 14041-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 14041-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using DDX3Y antibody (14041-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 14041-1-PBS in a different storage buffer formulation.