

For Research Use Only

DDX3Y Polyclonal antibody

Catalog Number: 14041-1-AP

1 Publications



Basic Information

Catalog Number: 14041-1-AP	GenBank Accession Number: BC034942	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 427 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8653	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: O15523	IHC 1:50-1:500
Isotype: IgG	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG5110	Calculated MW: 73 kDa	
	Observed MW: 73 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : DU 145 cells, LNCaP cells, PC-3 cells
Cited Applications: IP	IHC : human testis tissue,
Species Specificity: human	IF/ICC : HeLa cells,
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

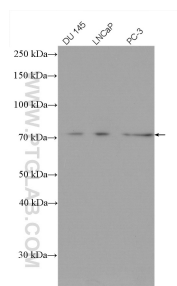
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

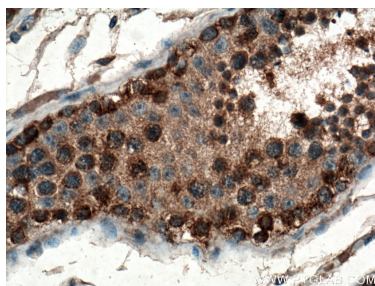
For technical support and original validation data for this product please contact:
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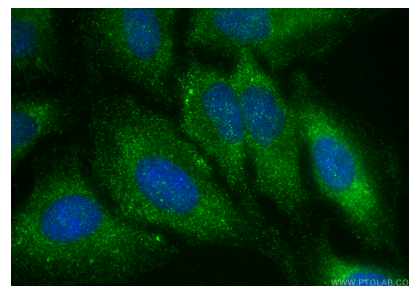
Selected Validation Data



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 (-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).