

DDX3Y Polyclonal Antibody

Catalog number: 14041-1-AP

Size: 64 µg/150 µl

Source: Rabbit

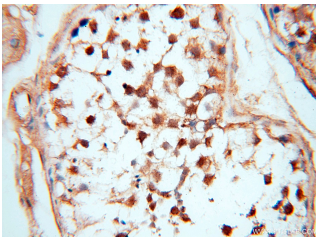
Isotype: IgG

Synonyms:

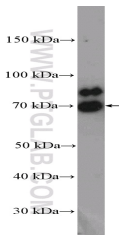
DDX3Y; DBY, DDX3Y



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).



Immunohistochemical of paraffin-embedded human testis using 14041-1-AP (DDX3Y antibody) at dilution of 1:50 (under 40x lens)



mouse testis tissue were subjected to SDS PAGE followed by western blot with 14041-1-AP (DDX3Y Antibody) at dilution of 1:300

Background

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.

Applications

Tested applications:	ELISA, IF, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated DDX3Y MW:	73 kDa
Observed DDX3Y MW:	
Positive WB detected in	Mouse testis tissue
Positive IHC detected in	Human testis tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5110
GenBank accession number:	BC034942
Gene ID (NCBI):	8653
Full name:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.