

For Research Use Only

DDX3 Recombinant antibody

Catalog Number: 81903-1-RR



Basic Information

Catalog Number: 81903-1-RR	GenBank Accession Number: BC011819	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1654	CloneNo.: 5C12
Source: Rabbit	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	Recommended Dilutions: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG	Calculated MW: 73 kDa	
Immunogen Catalog Number: AG1614	Observed MW: 75 kDa	

Applications

Tested Applications:
IF, WB, ELISA

Species Specificity:
Human, Mouse, Rat

Positive Controls:

WB : HeLa cells, HepG2 cells, MCF-7 cells, K-562 cells,
mouse brain tissue, rat brain tissue

IF : HepG2 cells,

Background Information

DDX3X, also named as DBX, DDX3 and HLP2, belongs to the DEAD box helicase family and DDX3/DED1 subfamily. It is ATP-dependent RNA helicase. DDX3X acts as a cofactor for XPO1-mediated nuclear export of incompletely spliced HIV-1 Rev RNAs. It is also involved in HIV-1 replication. DDX3X interacts specifically with hepatitis C virus core protein resulting in a change in intracellular location. 73 kDa is the target band. 60-65 kDa is some other isoform. This antibody can bind both DDX3X and DDX3Y for the close sequences.

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

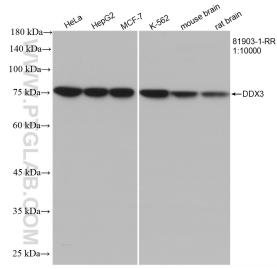
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81903-1-RR (DDX3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.