

DDX3 Recombinant antibody, PBS Only

Catalog Number: 81903-1-PBS

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
81903-1-PBS	BC011819	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
1 mg/ml	1654	5C12
Source:	UNIPROT ID:	
Rabbit	O00571	
Isotype:	Full Name:	
IgG	DEAD (Asp-Glu-Ala-Asp) box	
Immunogen Catalog Number:	polypeptide 3, X-linked	
AG1614	Calculated MW:	
	73 kDa	
	Observed MW:	
	75 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IF

Species Specificity:
Human, Mouse, Rat

Background Information

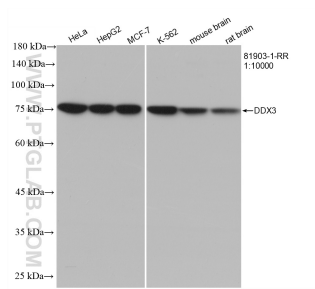
DDX3X, also named as DBX, DDX3 and HLP2, belongs to the DEAD box helicase family and DDX3/DED1 subfamily. It is ATP-dependent RNA helicase. DDX3X acts as a cofactor for XPO1-mediated nuclear export of incompletely spliced HIV-1 Rev RNAs. It is also involved in HIV-1 replication. DDX3X interacts specifically 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

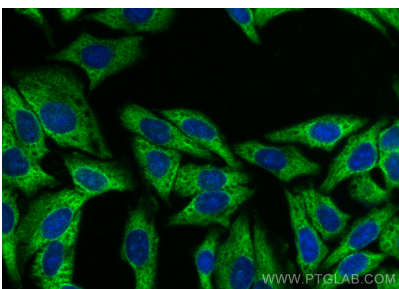
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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. This data was developed using the same antibody clone with 81903-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DDX3 antibody (81903-1-RR, Clone: 5C12) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 81903-1-PBS in a different storage buffer formulation.