

For Research Use Only

CoraLite® Plus 488-conjugated DDX3 Recombinant antibody



Catalog Number:CL488-81903

Basic Information

Catalog Number: CL488-81903	GenBank Accession Number: BC011819	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 1654	CloneNo.: 5C12
Source: Rabbit	UNIPROT ID: O00571	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG1614	Calculated MW: 73 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HepG2 cells,
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 -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

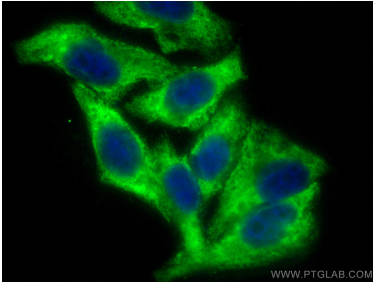
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 DD_{X3} antibody (CL488-81903, Clone: 5C12) at dilution of 1:200.