

For Research Use Only

DDX42 Polyclonal antibody

Catalog Number: 31211-1-AP



Basic Information

Catalog Number: 31211-1-AP	GenBank Accession Number: BC015505	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 11325	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q86XP3	
Isotype: IgG	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 42	
Immunogen Catalog Number: AG34762	Calculated MW: 103 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, Jurkat cells IHC : mouse testis tissue, IF/ICC : HeLa cells,
Species Specificity: human, mouse	
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

DDX42 (DEAD (Asp-Glu-Ala-Asp) box polypeptide 42) is a member of the DEAD box RNA helicase superfamily. A C-terminal portion of DDX42 interacts with the pro-apoptotic factor, apoptosis-stimulating protein of p53 protein 2 (ASPP2), thereby inhibiting its action (PMID: 30834153).

Storage

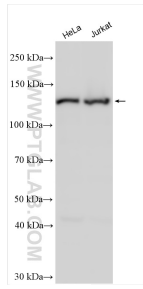
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

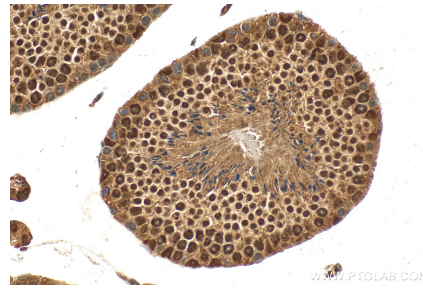
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31211-1-AP (DDX42 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 31211-1-AP (DDX42 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DDX42 antibody (31211-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).