

For Research Use Only

# DDX42 Polyclonal antibody, PBS Only

Catalog Number:31211-1-PBS



## Basic Information

Catalog Number:

31211-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34762

GenBank Accession Number:

BC015505

GeneID (NCBI):

11325

UNIPROT ID:

Q86XP3

Full Name:

DEAD (Asp-Glu-Ala-Asp) box

polypeptide 42

Calculated MW:

103 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

## 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 -80°C.

Storage Buffer:

PBS Only

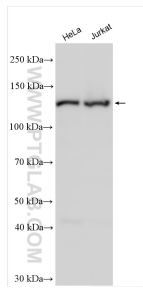
For technical support and original validation data for this product please contact:

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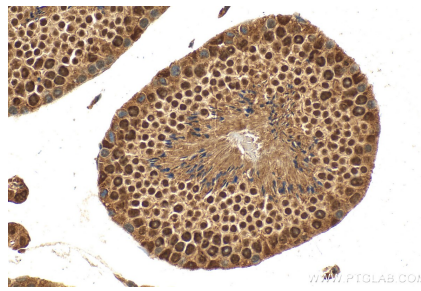
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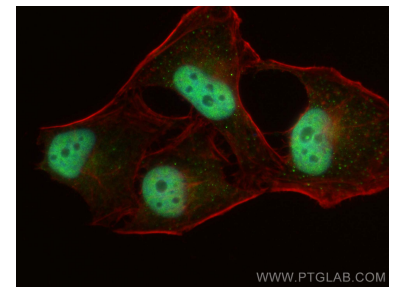
## Selected Validation Data



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. This data was developed using the same antibody clone with 31211-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31211-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31211-1-PBS in a different storage buffer formulation.