

# DDX42 Polyclonal antibody

Catalog Number: 31211-1-AP

## Basic Information

**Catalog Number:**

31211-1-AP

**Size:**

400 ug/ml

**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

**Recommended Dilutions:**

WB 1:1000-1:6000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, ELISA

**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**

**Positive Controls:**

WB : HeLa cells, Jurkat cells

IHC : mouse testis tissue,

IF/ICC : HeLa cells,

## 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:**

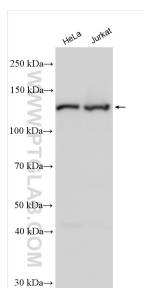
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

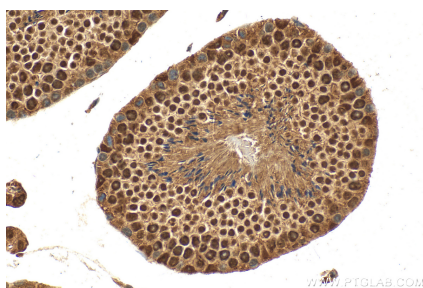
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

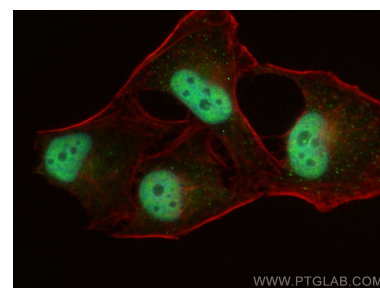
## Selected Validation Data



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).