

For Research Use Only

# DDX41 Recombinant monoclonal antibody

Catalog Number: 86894-1-RR



## Basic Information

**Catalog Number:**

86894-1-RR

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG26593

**GenBank Accession Number:**

BC015476

**GeneID (NCBI):**

51428

**UNIPROT ID:**

Q9UJV9

**Full Name:**

DEAD (Asp-Glu-Ala-Asp) box polypeptide 41

**Calculated MW:**

70 kDa

**Observed MW:**

70 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

252011G10

**Recommended Dilutions:**

WB: 1:2000-1:10000

IF/ICC: 1:500-1:2000

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : HeLa cells, HEK-293 cells, Jurkat cells, MCF-7 cells, THP-1 cells, RAW 264.7 cells, PC-12 cells

IF/ICC : MCF-7 cells,

## Background Information

DDX41, also named as DEAD box protein abstract homolog, is a 622 amino acid protein, which is a probable ATP-dependent RNA helicase. DDX41 is required during post-transcriptional gene expression and may be involved in pre-mRNA splicing.

## Storage

**Storage:**

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

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

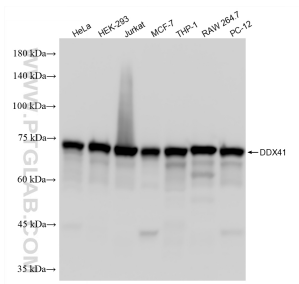
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

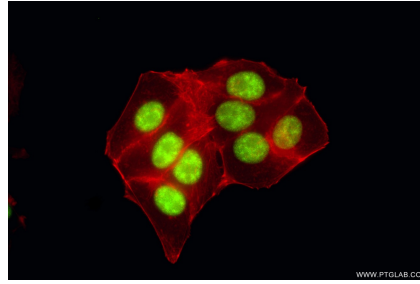
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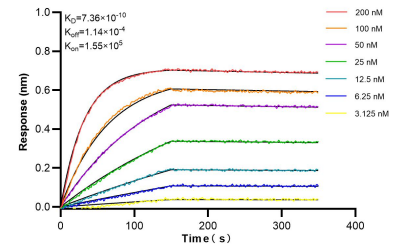
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86894-1-RR (DDX41 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using DDX41 antibody (86894-1-RR, Clone: 252011G10) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 86894-1-RR against Human DDX41 were performed. The affinity constant is 0.736 nM.