

For Research Use Only

DDX27 Polyclonal antibody

Catalog Number: 17087-1-AP

2 Publications



Basic Information

Catalog Number:

17087-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 387 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9426

GenBank Accession Number:

BC016060

GeneID (NCBI):

55661

UNIPROT ID:

Q96GQ7

Full Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 27

Calculated MW:

796 aa, 90 kDa

Observed MW:

90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : HeLa cells, mouse liver tissue, NIH/3T3 cells

IF/ICC : HEK-293 cells, HeLa cells

Background Information

DDX27 is one of the DEAD box proteins, which is characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD). DEAD box proteins are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division, and DDX27 is involved in the processing of 5.8S and 28S ribosomal RNAs.

Notable Publications

Author	Pubmed ID	Journal	Application
Chunxing Yang	30643421	Onco Targets Ther	WB
Francesca Rossi	34942120	Mol Cell	WB

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

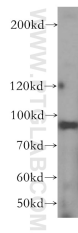
For technical support and original validation data for this product please contact:

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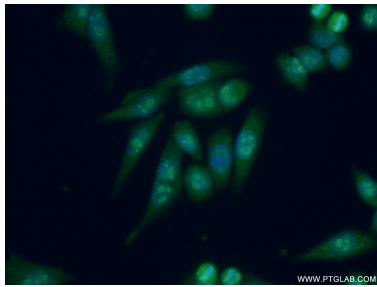
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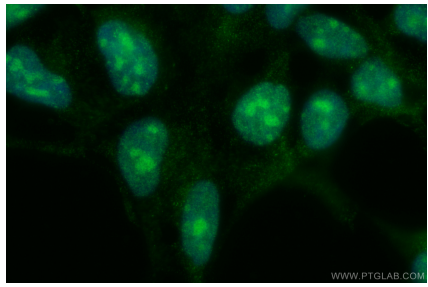
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 17087-1-AP (DDX27 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 17087-1-AP (DDX27 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using DDX27 antibody (17087-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).