

For Research Use Only

DDX54 Polyclonal antibody

Catalog Number: 26894-1-AP **1 Publications**



Basic Information

Catalog Number:

26894-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25289

GenBank Accession Number:

BC156669

GeneID (NCBI):

79039

UNIPROT ID:

Q8TDD1

Full Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 54

Calculated MW:

98 kDa

Observed MW:

98 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells,

IF : PC-3 cells,

Background Information

DDX54, also named as ATP-dependent RNA helicase DDX54, is a 881 amino acid protein, which contains 1 helicase ATP-binding domain and belongs to the DEAD box helicase family. DDX54/DBP10 subfamily. DDX54 localizes in nucleus and interacts in a hormone-dependent manner with nuclear receptors. DDX54 has RNA-dependent ATPase activity and represses the transcriptional activity of nuclear receptors.

Notable Publications

Author	Pubmed ID	Journal	Application
Jessica Sheu-Gruttadauria	37808656	bioRxiv	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

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

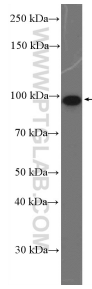
T: 4006900926

E: Proteintech-CN@ptglab.com

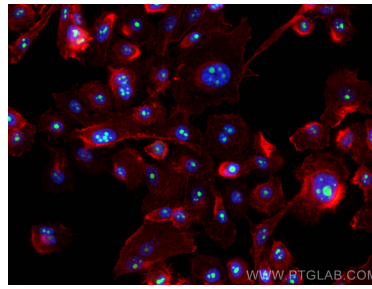
W: ptgcn.com

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 26894-1-AP (DDX54 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using DDX54 antibody (26894-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).