

For Research Use Only

# DDX24 Polyclonal antibody

Catalog Number: 15769-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

15769-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8407

### GenBank Accession Number:

BC008847

### GeneID (NCBI):

57062

### UNIPROT ID:

Q9GZR7

### Full Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 24

### Calculated MW:

96 kDa

### Observed MW:

120 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:200-1:800

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF, RIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**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 : HT-29 cells, A549 cells, HeLa cells, THP-1 cells, Y79 cells

IHC : human stomach cancer tissue,

IF/ICC : HeLa cells,

## Background Information

DDX24 is a family member of Asp-Glu-Ala-Asp (DEAD) box containing RNA helicases, and DEAD-box RNA helicases are characterized by a conserved DEAD motif. DDX24 was associated with cancer development, viral infection, and vascular malformation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Hong Shan	35763670	Cancer Res	WB, IHC, RIP
Siwen Sun	39897555	Theranostics	WB
Iulia Tapescu	37949067	Mol Cell	IF

## 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

\*\*\* 20ul sizes contain 0.1% BSA

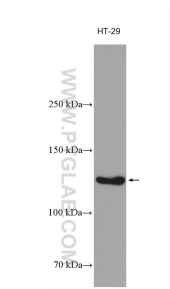
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

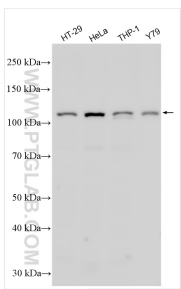
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

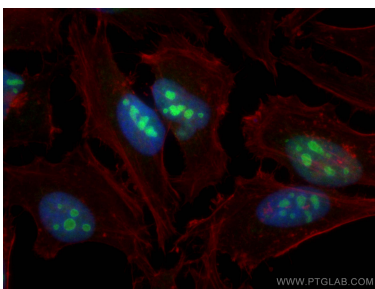
Selected Validation Data



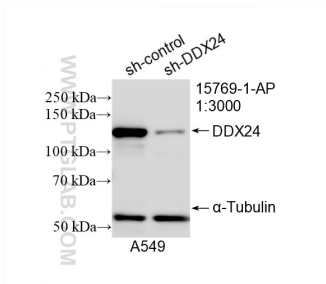
HT-29 cells were subjected to SDS PAGE followed by western blot with 15769-1-AP (DDX24 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



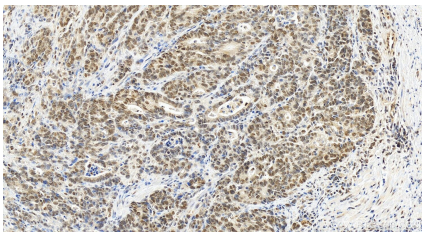
Various lysates were subjected to SDS PAGE followed by western blot with 15769-1-AP (DDX24 antibody) at dilution of 1:7000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DDX24 antibody (15769-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



WB result of DDX24 antibody (15769-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DDX24 transfected A549 cells.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 15769-1-AP (DDX24 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).