

For Research Use Only

DDX24 Polyclonal antibody

Catalog Number: 15769-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

15769-1-AP

Concentration:

600 ug/ml

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

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

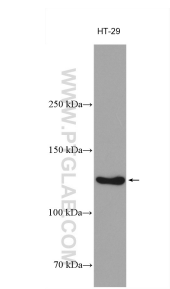
T: 4006900926

E: Proteintech-CN@ptglab.com

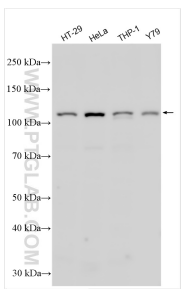
W: ptgcn.com

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

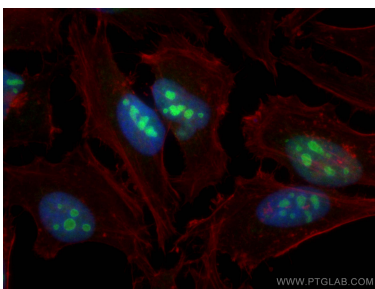
Selected Validation Data



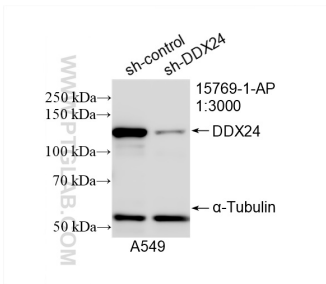
HT-29 cells were subjected to SDS PAGE followed by western blot with 15769-1-AP (DDX24 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



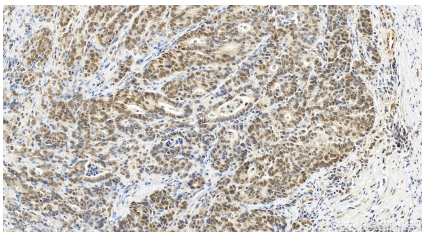
Various lysates were subjected to SDS PAGE followed by western blot with 15769-1-AP (DDX24 antibody) at dilution of 1:7000 incubated at room temperature for 1.5 hours.



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).