

# DDX6

## Polyclonal ANTIBODY

Catalog Number: 14632-1-AP

1 Publications

### Basic Information

Catalog Number:  
14632-1-AP

Size:  
28 µg/150 µl

Source:  
Rabbit

Isotype:  
IgG

Purification Method:  
Antigen affinity purification

Immunogen Catalog Number:  
AG6211

GenBank Accession Number:  
BC065007

GeneID (NCBI):  
1656

Full Name:  
DEAD (Asp-Glu-Ala-Asp) box polypeptide 6

Calculated MW:  
54 kDa

Observed MW:  
54 kDa

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

### Applications

Tested Applications:  
IF, IHC, IP, WB, ELISA

Cited Applications:  
WB

Species Specificity:  
human,mouse,rat

Cited Species:  
mouse

**Note: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : K-562 cells; HeLa cells, mouse testis tissue

IP : mouse testis tissue;

IHC : human breast cancer tissue;

IF : HeLa cells;

### Background Information

P54, also named as DDX6, HLR2, and RCK, is a 483 amino acid protein, which contains one helicase C-terminal domain, one helicase ATP-binding domain, and belongs to the DEAD box helicase family, DDX6/DHH1 subfamily. P54 is abundantly expressed in most tissues. In the process of mRNA degradation, P54 may play a role in mRNA decapping. P54 is involved in the replication of hepatitis C virus genomes in hepatocytes and in tumorigenesis of hepatocellular carcinomas.

### Notable Publications

Author	Pubmed ID	Journal	Application
Chappell Vesna A VA	23926285	Biol Reprod	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

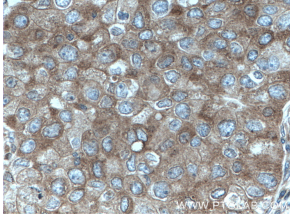
For technical support and original validation data for this product please contact:

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

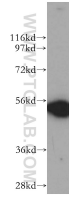
E: proteintech@ptglab.com  
W: ptglab.com

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

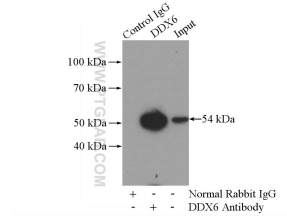
## Selected Validation Data



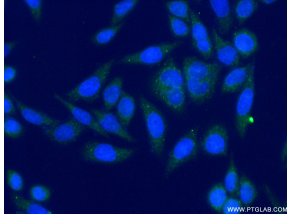
Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 14632-1-AP (DDX6 antibody) at dilution of 1:200 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



K-562 cells were subjected to SDS PAGE followed by western blot with 14632-1-AP(DDX6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours



IP Result of anti-DDX6 (IP:14632-1-AP, 4ug; Detection: 14632-1-AP 1:500) with mouse testis tissue lysate 4000ug.



Immunofluorescent analysis of (-20) Ethanol fixed HeLa cells using 14632-1-AP(DDX6 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)