

For Research Use Only

# DDX39B Polyclonal antibody

Catalog Number: 14798-1-AP

Featured Product

15 Publications



## Basic Information

### Catalog Number:

14798-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6512

### GenBank Accession Number:

BC000361

### GeneID (NCBI):

7919

### UNIPROT ID:

Q13838

### Full Name:

HLA-B associated transcript 1

### Calculated MW:

53 kDa

### Observed MW:

48 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP, ChIP, RIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, pig, chicken

**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 : Jurkat cells, rat spleen tissue

IP : Jurkat cells,

IHC : human breast cancer tissue,

## Background Information

DDX39B, is a 428 amino acid protein, which contains one helicase C-terminal domain, one helicase ATP-binding domain and belongs to the DEAD box helicase family. DECD subfamily. DDX39B localizes in the nucleus and cytoplasm. BAT1 is involved in nuclear export of spliced and unspliced mRNA. BAT1 as ATP dependent RNA helicase, may be a translation initiation factor and acts as a negative regulator of inflammatory cytokines. This antibody may cross-react with DDX39A.

## Notable Publications

| Author            | Pubmed ID | Journal               | Application |
|-------------------|-----------|-----------------------|-------------|
| Qiu Tu            | 36109793  | J Exp Clin Cancer Res | WB,IF       |
| Lingcai Zhao      | 36084138  | PLoS Pathog           | IF,WB       |
| Ashley Boehringer | 29109432  | Sci Rep               | WB,IF,IP    |

## 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

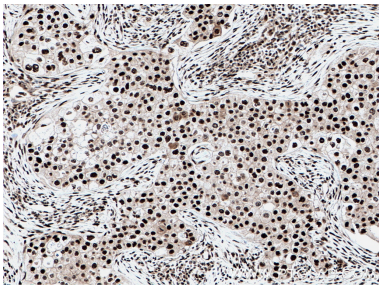
For technical support and original validation data for this product please contact:

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

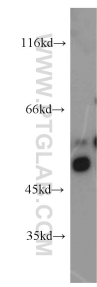
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

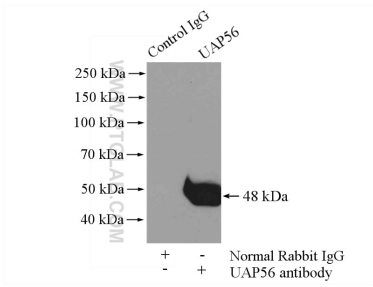
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14798-1-AP (UAP56 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Jurkat cells were subjected to SDS PAGE followed by western blot with 14798-1-AP (UAP56 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-DDX39B (IP:14798-1-AP, 4ug; Detection:14798-1-AP 1:500) with Jurkat cells lysate 1200ug.