

For Research Use Only

DDX39B Polyclonal antibody

Catalog Number: 14798-1-AP

Featured Product

15 Publications



Basic Information

Catalog Number:

14798-1-AP

Concentration:

550 µg/ml

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 µg 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

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

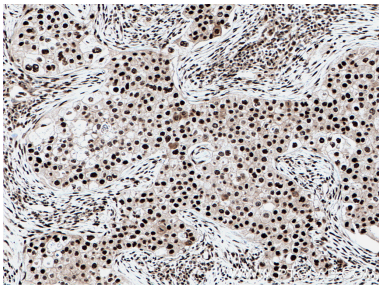
T: 4006900926

E: Proteintech-CN@ptglab.com

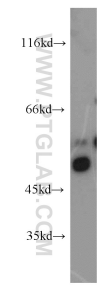
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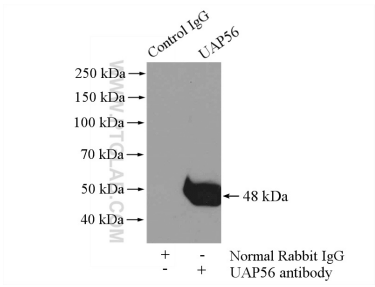
Selected Validation Data



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.