

For Research Use Only

DDX1 Monoclonal antibody, PBS Only

Catalog Number: 67991-1-PBS

Featured Product



Basic Information

Catalog Number:

67991-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG16774

GenBank Accession Number:

BC012132

GeneID (NCBI):

1653

UNIPROT ID:

Q92499

Full Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 1

Calculated MW:

740 aa, 82 kDa

Observed MW:

82 kDa

Purification Method:

Protein G purification

CloneNo.:

1G10G4

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

DDX1 is a DEAD box protein, which is putative RNA helicases with a characteristic asp-glu-ala-asp (DEAD) box motif. DEAD box proteins involve in translation initiation, splicing, and ribosome and spliceosome assembly by altering RNA secondary structure. As a RNA helicase, DDX1 has a role in RNA clearance at DNA double-strand breaks (DSBs), thereby facilitating the template-guided repair of transcriptionally active regions of the genome.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

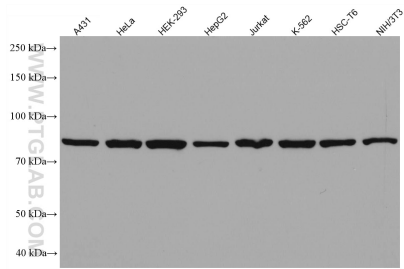
For technical support and original validation data for this product please contact:

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

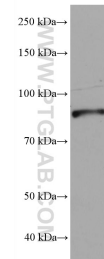
E: proteintech@ptglab.com
W: ptglab.com

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

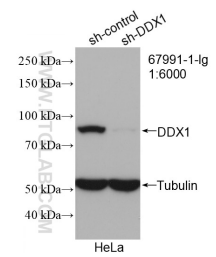
Selected Validation Data



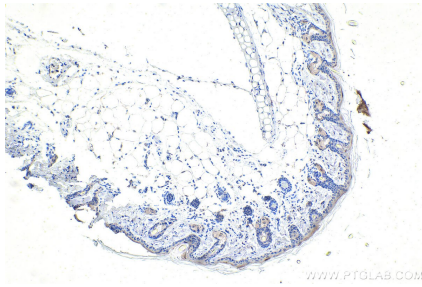
Various lysates were subjected to SDS PAGE followed by western blot with 67991-1-Ig (DDX1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.



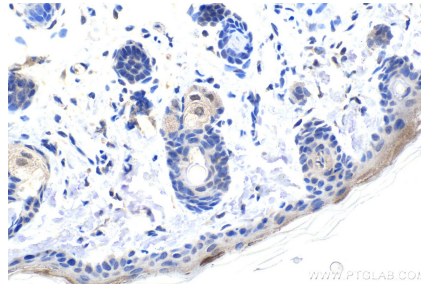
4T1 cells were subjected to SDS PAGE followed by western blot with 67991-1-Ig (DDX1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.



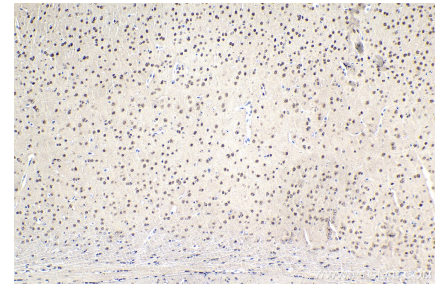
WB result of DDX1 antibody (67991-1-Ig; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DDX1 transfected HeLa cells. This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.



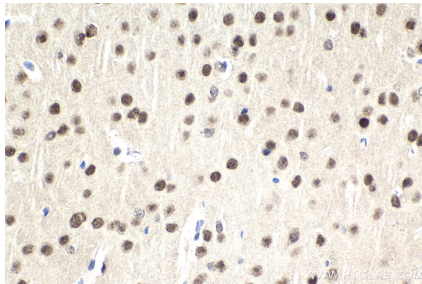
Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using 67991-1-Ig (DDX1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.



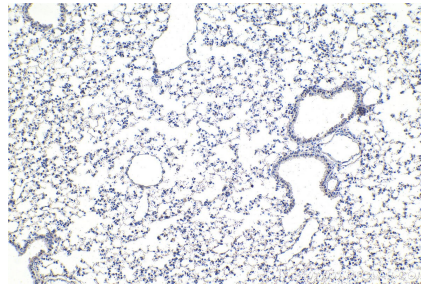
Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using 67991-1-Ig (DDX1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.



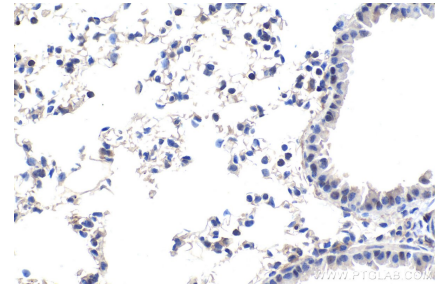
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67991-1-Ig (DDX1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.



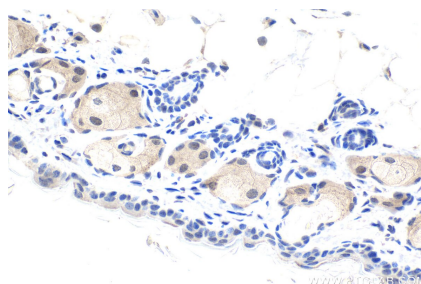
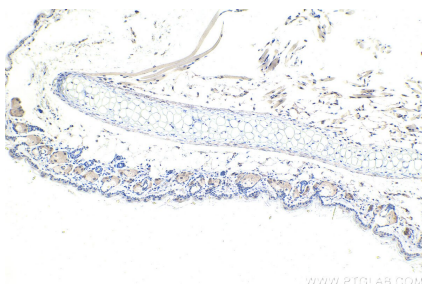
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67991-1-Ig (DDX1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 67991-1-Ig (DDX1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 67991-1-Ig (DDX1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 67991-1-Ig (DDX1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 67991-1-Ig (DDX1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67991-1-PBS in a different storage buffer formulation.