

For Research Use Only

DDX1 Monoclonal antibody, PBS Only



Catalog Number: 67991-1-PBS

Featured Product

Basic Information

Catalog Number:

67991-1-PBS

Size:

1 mg/ml

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, 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:

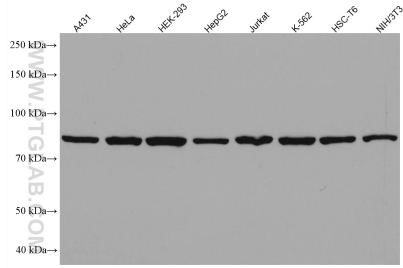
T: 4006900926

E: Proteintech-CN@ptglab.com

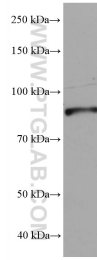
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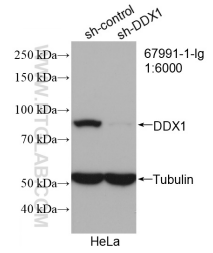
Selected Validation Data



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.