

For Research Use Only

DDX1 Monoclonal antibody

Catalog Number: 67991-1-Ig



Basic Information

Catalog Number: 67991-1-Ig	GenBank Accession Number: BC012132	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1653	CloneNo.: 1G10G4
Source: Mouse	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 1	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 740 aa, 82 kDa	
Immunogen Catalog Number: AG16774	Observed MW: 82 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB : A431 cells, 4T1 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

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

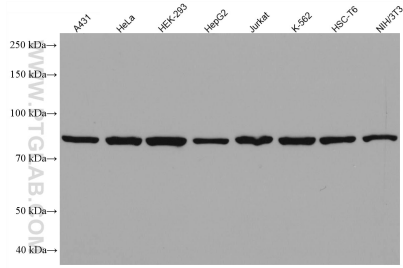
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

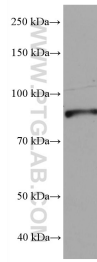
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

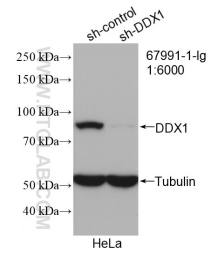
Selected Validation Data



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.



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.



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.