

For Research Use Only

DDX47 Polyclonal antibody, PBS Only

Catalog Number:17795-1-PBS



Basic Information

Catalog Number:

17795-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11953

GenBank Accession Number:

BC068009

GeneID (NCBI):

51202

UNIPROT ID:

Q9H0S4

Full Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 47

Calculated MW:

455 aa, 51 kDa

Observed MW:

48 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

DEAD-box helicase 47 (DDX47) is a member of the DEAD-box protein family. It contains two conserved domains: DEXDc (DEAD-like helicases superfamily) and HELICc (helicase superfamily c-terminal domain) (PMID: 16337753). DDX47 can shuttle between the nucleus and the cytoplasm. In different cancers, evidence has shown that DDX47 is a poor prognostic predictor for renal cell carcinoma, as well as a diagnostic biomarker for breast cancer and chronic myeloid leukemia (PMID: 35490652).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

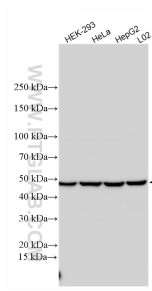
T: 4006900926

E: Proteintech-CN@ptglab.com

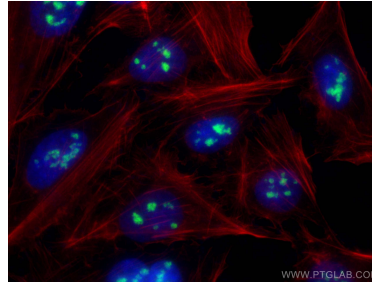
W: ptgcn.com

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

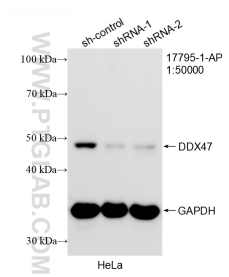
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17795-1-AP (DDX47 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17795-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using DDX47 antibody (17795-1-AP) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 17795-1-PBS in a different storage buffer formulation.



WB result of DDX47 antibody (17795-1-AP; 1:50000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DDX47 transfected HeLa cells. This data was developed using the same antibody clone with 17795-1-PBS in a different storage buffer formulation.