

For Research Use Only

DDX47 Polyclonal antibody, PBS Only

Catalog Number:17795-1-PBS



Basic Information

Catalog Number:

17795-1-PBS

Size:

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

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.

Storage Buffer:

PBS only, pH7.3

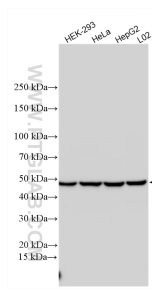
For technical support and original validation data for this product please contact:

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

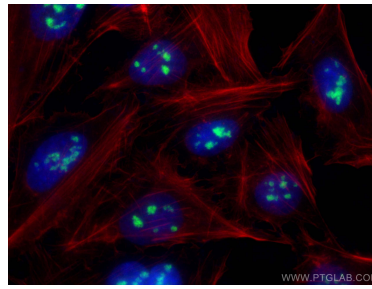
E: proteintech@ptglab.com
W: ptglab.com

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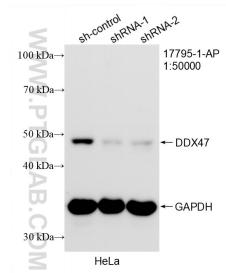
Selected Validation Data



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.