

For Research Use Only

# DDX11 Polyclonal antibody

Catalog Number: 13047-1-AP



## Basic Information

Catalog Number:

13047-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3666

GenBank Accession Number:

BC011264

GeneID (NCBI):

1663

UNIPROT ID:

Q96FC9

Full Name:

DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11 (CHL1-like helicase homolog, *S. cerevisiae*)

Calculated MW:

970 aa, 108 kDa

Observed MW:

102-108 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: Jurkat cells, K-562 cells, L02 cells

## Background Information

DDX11 (DEAD/H-box helicase 11), also known as hCHLR1, KRG-2, is a member of the DExD/H (Asp-Glu-x-Asp/His)-box helicase family containing DNA helicase with roles in DNA replication and sister chromatid cohesion establishment, and general chromosome architecture (PMID: 33802088). DDX11 encodes an iron-sulfur cluster DNA helicase required for development, mutated, and overexpressed in cancers (PMID: 33879618). DDX11 is also a positive regulator of the RIG-I-mitochondrial antiviral signaling protein (MAVS)-mediated signaling pathways (PMID: 39470258).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

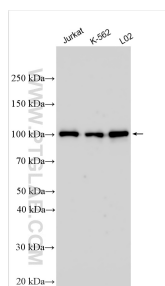
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://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 13047-1-AP (DDX11 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.