

For Research Use Only

# DDX11 Polyclonal antibody

Catalog Number: 13047-1-AP



## Basic Information

### Catalog Number:

13047-1-AP

### Size:

150ul, Concentration: 400 µg/ml by Nanodrop;

### 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

\*\*\* 20ul sizes contain 0.1% BSA

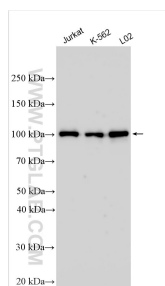
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## Selected Validation Data



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.