

For Research Use Only

# DDX11 Polyclonal antibody, PBS Only

Catalog Number:13047-1-PBS



## Basic Information

**Catalog Number:**

13047-1-PBS

**Size:**

100ug , Concentration: 1 mg/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

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human

## Background Information

DDX11 (DEAD/H-box helicase 11), also known as hCHLR1, KRG-2, is a member of the DEAD/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 -80°C.

**Storage Buffer:**

PBS only, pH7.3

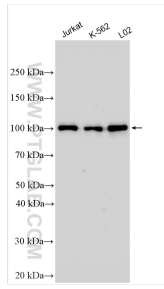
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## Selected Validation Data



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. This data was developed using the same antibody clone with 13047-1-PBS in a different storage buffer formulation.