

For Research Use Only

# DDX19A Recombinant antibody

Catalog Number: 83106-1-RR



## Basic Information

<b>Catalog Number:</b> 83106-1-RR	<b>GenBank Accession Number:</b> BC005162	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55308	<b>CloneNo.:</b> 230232B12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NUU7	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> DEAD (Asp-Glu-Ala-As) box polypeptide 19A	
<b>Immunogen Catalog Number:</b> AG7362	<b>Calculated MW:</b> 54 kDa	
	<b>Observed MW:</b> 54 kDa	

## Applications

<b>Tested Applications:</b> WB, FC, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, HeLa cells, K-562 cells, HepG2 cells, mouse thymus tissue
<b>Species Specificity:</b> Human, mouse	

## Background Information

DDX19A, also known as DDX19L, belongs to the DEAD-box helicase family. DDX19A was identified as a novel cytosolic RNA sensor that could activate the NLRP3 inflammasome during virus infection. In addition, DDX19A was proven to be associated with NADPH oxidase 1 (NOX1)-mediated oxidative stress in tumor necrosis factor (TNF)- $\alpha$ -induced A549 cell (PMID: 33968728). It may represent biomarkers of metastasis and novel therapeutic targets in CSCC patients.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

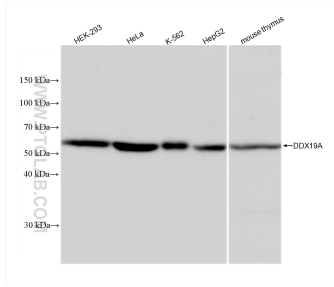
For technical support and original validation data for this product please contact:

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

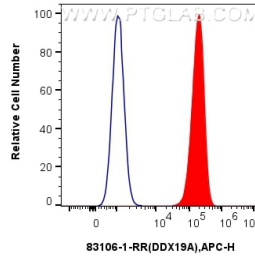
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 83106-1-RR (DDX19A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  U2OS cells were intracellularly stained with 0.25  $\mu$ g DDX19A Recombinant antibody (83106-1-RR, Clone:230232B12) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.