

# DDX19A Polyclonal antibody

Catalog Number: 15209-1-AP

1 Publications

## Basic Information

## Catalog Number:

15209-1-AP

## Size:

400 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG7362

## GenBank Accession Number:

BC005162

## GeneID (NCBI):

55308

## UNIPROT ID:

Q9NUU7

## Full Name:

DEAD (Asp-Glu-Ala-As) box

polypeptide 19A

## Calculated MW:

54 kDa

## Observed MW:

44 kDa and 54 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:200-1:800

## Applications

## Tested Applications:

IHC, WB, ELISA

## Cited Applications:

WB

## Species Specificity:

human

## Cited Species:

human

## Positive Controls:

WB : HEK-293 cells, HepG2 cells, K-562 cells, HeLa cells

IHC : human ovary tumor tissue,

**Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (\*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0***

## 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)-α-induced A549 cell (PMID: 33968728). DDX19A has 2 isoforms with the molecular mass of 44 and 54 kDa. DDX19A may represent biomarkers of metastasis and novel therapeutic targets in CSCC patients.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jiangnan Li	26538395	J Immunol	WB

## 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

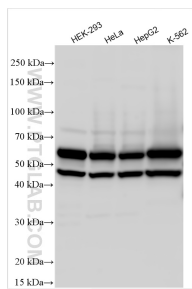
For technical support and original validation data for this product please contact:

T: 4006900926

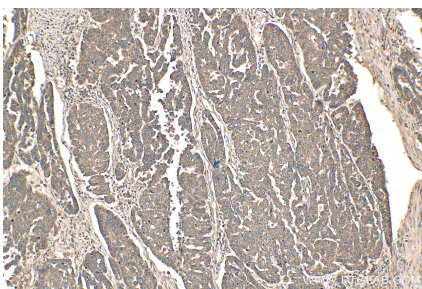
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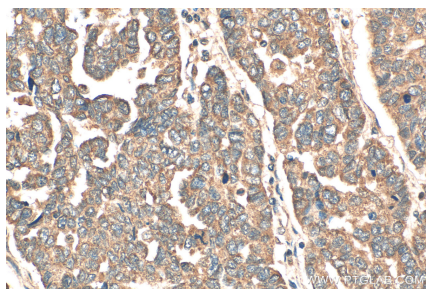
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15209-1-AP (DDX19A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 15209-1-AP (DDX19A antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 15209-1-AP (DDX19A antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).