

# RIG-I / DDX58 Rabbit pAb

Catalog No.: A0550 **5 Publications**

## Basic Information

### Catalog No.

A0550

### Observed MW

109kDa

### Calculated MW

101kDa/106kDa

### Category

Primary antibody

### Applications

WB, IHC, IF, IP

### Cross-Reactivity

Human, Mouse

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC</b>	1:50 - 1:200
<b>IF</b>	1:20 - 1:100
<b>IP</b>	1:20 - 1:100

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Background

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases which are implicated in a number of cellular processes involving RNA binding and alteration of RNA secondary structure. This gene encodes a protein containing RNA helicase-DEAD box protein motifs and a caspase recruitment domain (CARD). It is involved in viral double-stranded (ds) RNA recognition and the regulation of immune response.

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
23586	O95786

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 830 to the C-terminus of human RIG-I / DDX58 (NP\_055129.2).

### Synonyms

DDX58;RIG-I;RIGI;RLR-1;SGMRT2

## Product Information

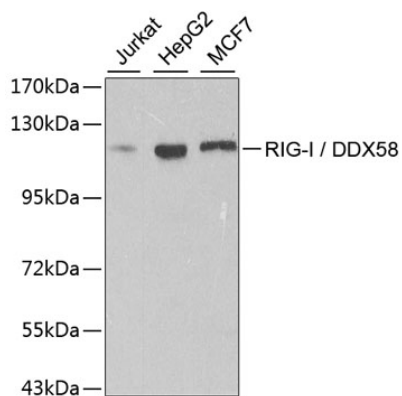
<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

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

## Validation Data



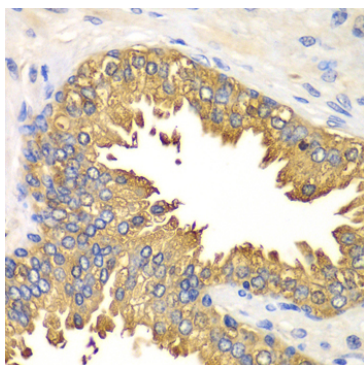
Western blot analysis of extracts of various cell lines, using RIG-I / DDX58 antibody (A0550) at 1:500 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

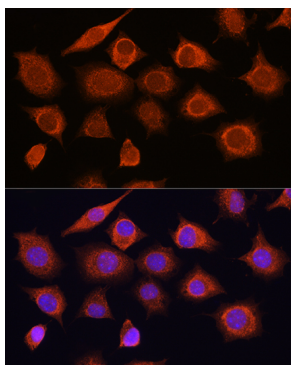
Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).



Immunohistochemistry of paraffin-embedded human prostate using RIG-I / DDX58 antibody (A0550) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L929 cells using RIG-I / DDX58 Rabbit pAb (A0550) at dilution of 1:100. Blue: DAPI for nuclear staining.