

# Rig-I/DDX58 Rabbit mAb

Catalog No.: A23179

Recombinant

1 Publications

## Basic Information

### Observed MW

107 kDa

### Calculated MW

107 kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC54108

## 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 the antiviral innate immune response. Mutations in this gene are associated with Singleton-Merten syndrome 2.

## Recommended Dilutions

**WB** 1:2000 - 1:8000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

23586

### Swiss Prot

O95786

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

RIG1; DDX58; RIG-I; RLR-1; SGMRT2; Rig-I/DDX58

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

