

A22478

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Rig-I/DDX58 Rabbit mAb

Catalog No.: A22478

Recombinant

2 Publications

Basic Information

Observed MW

107kDa

Calculated MW

107kDa

Category

Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

Clone number

ARC54110

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 - 1:10000

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

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

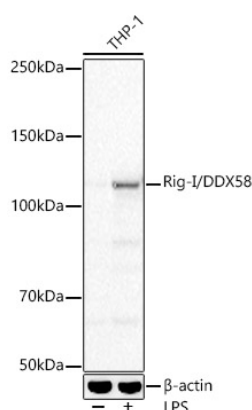
Purification

Affinity purification

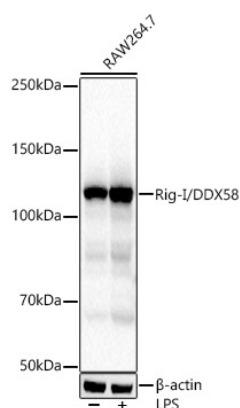
Storage

Store at -20°C

Validation Data



Western blot analysis of various lysates, using Rig-I/DDX58 Rabbit mAb (A22478) at 1:2000 dilution. THP-1 cells were treated with LPS (1 μ g/ml) at 37°C for 6 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.



Western blot analysis of lysates from RAW264.7 cells, using Rig-I/DDX58 Rabbit mAb (A22478) at 1:2000 dilution. Raw264.7 cells were treated with LPS (1 μ g/ml) at 37°C for 8 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.