

[KO Validated] Rig-I/DDX58 Rabbit pAb

Catalog No.: A18003 **KO** Validated

Basic Information

Observed MW

102kDa

Calculated MW

107kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

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 1:500 - 1:2000

IF/ICC 1:20 - 1:100

Immunogen Information

Gene ID

23586

Swiss Prot

O95786

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 825-925 of human Rig-I/DDX58 (NP_055129.2).

Synonyms

RIG1; DDX58; RIG-I; RLR-1; SGMRT2; 58

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 with 0.01% thimerosal, 50% glycerol, pH7.3.