

A0550

Leader in Biomolecular Solutions for Life Science



Rig-I/DDX58 Rabbit pAb

Catalog No.: A0550

13 Publications

Basic Information

Observed MW

107kDa/

Calculated MW

107kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Rat

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 - 1:4000

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

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; Rig-I/DDX58

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

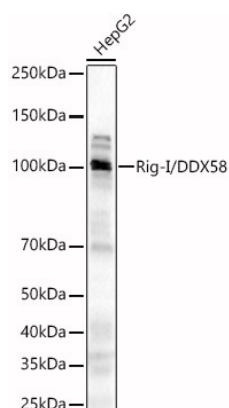
Affinity purification

Storage

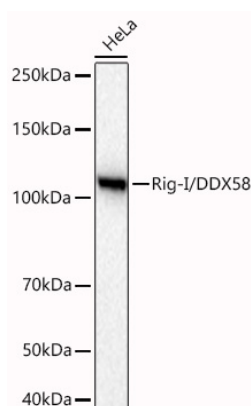
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from HepG2 cells, using Rig-I/DDX58 Rabbit pAb (A0550) at 1:4000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Western blot analysis of lysates from HeLa cells using Rig-I/DDX58 Rabbit pAb (A0550) at 1:2000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.