

A3689

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## Rig-I/DDX58 Rabbit mAb

Catalog No.: A3689

Recombinant

### Basic Information

#### Observed MW

107kDa

#### Calculated MW

107kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human

#### CloneNo number

ARC0824

### 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 - 1:1000

### Immunogen Information

#### Gene ID

23586

#### Swiss Prot

O95786

#### Immunogen

A synthesized peptide derived from human Rig-I/DDX58

#### Synonyms

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

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

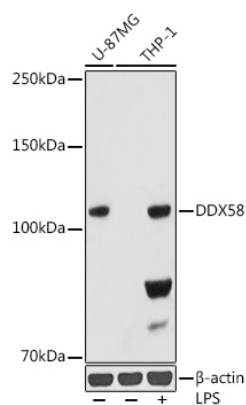
Affinity purification

#### Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates, using Rig-I/DDX58 antibody (A3689) at 1:1000 dilution. THP-1 cells were treated by LPS (1 µg/ml) at 37°C for 8 hours.  
Secondary antibody: HRP 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: 180s.