

RIG-I / DDX58 Rabbit Polyclonal Antibody



CAB13407

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

102-110kDa

Calculated MW:

101kDa/106kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein 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 immune response.

Immunogen information

Gene ID:

23586

Uniprot

O95786

Synonyms:

DDX58; RIG-I; RIGI; RLR-1; SGMRT2

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

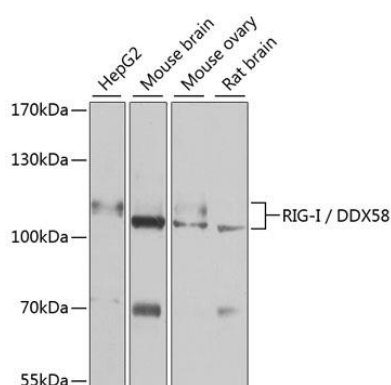
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 726-925 of human RIG-I / DDX58 (NP_055129.2).

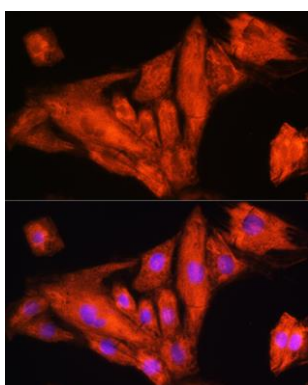
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

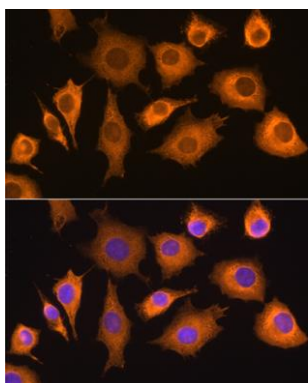
Product Images



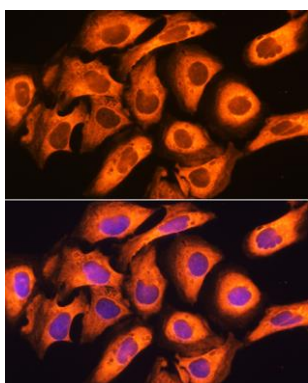
Western blot analysis of extracts of various cell lines, using RIG-I / DDX58 antibody (CAB13407) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunofluorescence analysis of H9C2 cells using RIG-I / DDX58 antibody (CAB13407) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using RIG-I / DDX58 antibody (CAB13407) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using RIG-I / DDX58 antibody (CAB13407) at dilution of 1:100. Blue: DAPI for nuclear staining.