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DDX58

Reactivity: Human

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:100

Calculated MW:107kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human DDX58

Storage Buffer:

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

Synonym:

DDX58;DKFZp434J1111;DKFZp686N19181;FLJ13599;RIG-I

Catalog #:A0550

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:23586

Isotype: IgG

Swiss Prot:O95786

Purity: Affinity purification

For research use only.

Background:

cts viral dsRNA and two amino-terminal caspase recruitment domains (CARD) that are required for triggering downstream signaling (4-7). Rig-I binds both dsRNA and viral ssRNA that contains a 5'-triphosphate end not seen in host RNA (8,9). Though structurally related, Rig-I and MDA-5 detect a distinct set of viruses (10,11). The CARD domain of the helicases, which is sufficient to generate signaling and IFN production, is recruited to the CARD domain of the MAVS/VISA/Cardif/IPS-1 mitochondrial protein, which triggers activation of NF-B, TBK1/IKK, and IRF-3/IRF-7 (12-15).

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