
DDX58 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252167

Unit: 0.1 mg

Description:

Probable ATP-dependent RNA helicase DDX58 (DDX58) is involved in innate immune defense against viruses. Upon interaction with intracellular dsRNA produced during viral replication, DDX58 triggers a transduction cascade involving MAVS/IPS1, which results in the activation of NF-kappa-B, IRF3 and IRF7 and the induction of the expression of antiviral cytokines such as IFN-beta and RANTES (CCL5). DDX58 detects dsRNA produced from non-self dsDNA by RNA polymerase III, such as Epstein-Barr virus-encoded RNAs (EBERs). DDX58 is essential for the production of interferons in response to RNA viruses including paramyxoviruses, influenza viruses, Japanese encephalitis virus and HCV.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

Format: Each vial contains 0.1 mL of crude serum with 0.09% sodium azide.

Alternate Names: Probable ATP-dependent RNA helicase DDX58; DEAD box protein 58; Retinoic acid-inducible gene 1 protein; RIG-1; Retinoic acid-inducible gene I protein; RIG-I; DDX58

Accession No.: O95786

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human DDX58.

Application Notes: E: 1:10,000-1:50,000; WB: 1:500-1:2,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.