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## **LGP2 Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 253783

**Unit:** 0.1 mg

**Description:**

Anti-viral innate immune responses are triggered by pathogen-associated molecular patterns (such as the accumulation of intracellular nucleic acids resulting from virus infections) and represent the first line of defense against numerous infectious organisms. The Toll-like receptors (TLR) 3, 7, 8, and 9 are expressed in immune cells and function as transmembrane pattern recognition receptors to detect foreign nucleic acids. Other proteins that play similar roles, such as RIG-1 and MDA5 are members of a CARD-helicase family and are expressed in the cytoplasm. A third protein, LGP2, is similar to RIG-1 and MDA5, except for lacking a homologous CARD domain. It is thought to act as an element of negative-feedback regulation of intracellular antiviral signaling. At least four isoforms of LGP2 are known to exist.

**Isotype:** Rabbit Ig

**Applications:** E, WB

**Species Reactivity:** H, M, R

**Format:** Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** LGP2 ; DHX58; likely ortholog of mouse D11lgp2

**Accession No.:** EAW60798

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within human LGP2.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500

**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.