

Datasheet for ABIN6990805
anti-DHX58 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	DHX58
Binding Specificity:	AA 570-620, C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHX58 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	LGP2 antibody was raised against a 12 amino acid synthetic peptide from near the carboxy terminus of human LGP2. The immunogen is located within amino acids 570 - 620 of LGP2.
Isotype:	IgG
Specificity:	At least four isoforms of LGP2 are known to exist.
Purification:	LGP2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DHX58
Alternative Name:	LGP2 (DHX58 Products)
Background:	LGP2 Antibody: Anti-viral innate immune responses are triggered by pathogen-associated

Target Details

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.

Molecular Weight: Predicted: 70 kDa

Observed: 75 kDa

Gene ID: 79132

UniProt: [Q96C10](#)

Application Details

Application Notes: LGP2 antibody can be used for detection of LGP2 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: LGP2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: LGP2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.