

LGP2 Polyclonal Antibody

Catalog NumberPA5-20434

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Western Blot (WB)	0.5-1 µg/mL
Immunogen	A 14 amino acid peptide from near the amino terminus of human LGP2.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is MDA-MB-361 cell lysate. PA5-20434 can be used with blocking peptide PEP-0551.

Background/Target Information

Anti-viral innate immune responses are triggered by pathogen-associated molecular patters (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.

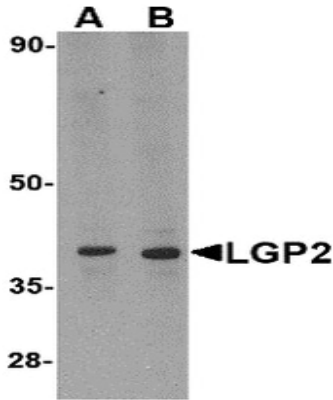
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Product Images For LGP2 Polyclonal Antibody



LGP2 Antibody (PA5-20434) in WB
Western Blot analysis of LGP2 in MDA-MB-361 cell lysate with LGP2 Polyclonal Antibody (Product # PA5-20434) at (A) 0.5 and (B) 1 µg/mL.

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