NLRP9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NLRP9, Polyclonal Antibody
Full Product Name	NLRP9 Antibody
Product Gene Name	anti-NLRP9 antibody
Product Synonym Names	NOD6; NALP9; PAN12; CLR19.1
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total NLRP9 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	112,593 Da
OMIM	609663
3D Structure	ModBase 3D Structure for Q7RTR0
Immunogen	Synthetic peptide corresponding to residues near the N terminal of human NLR family, pyrin domain containing 9
Product Categories/Family for anti-NLRP9 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NLRP9 antibody	Immunohistochemistry (IHC)
Application Notes for anti-NLRP9 antibody	IHC: 1:50-1:200
Related Product Information for anti-NLRP9 antibody	The protein encoded by this gene belongs to the NALP protein family. Members of the NALP protein family typically contain a NACHT domain, a NACHT-associated domain (NAD), a C-terminal leucine-rich repeat (LRR) region, and an N-terminal pyrin domain (PYD). This protein may play a regulatory role in the innate immune system as similar family members belong to the signal-induced multiprotein complex, the inflammasome, that activates the pro-inflammatory caspases, caspase-1 and caspase-5
Other Notes	Small volumes of anti-NLRP9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NLRP9 purchase	MBS8591109 is an antibody targeting NLRP9. Also known as NLRP9 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NLRP9. It may not necessarily be applicable to this product.

NCBI GI #	74762418

NCBI GeneID	338321
NCBI Accession #	Q7RTR0.1
UniProt Primary Accession #	Q7RTR0
UniProt Secondary Accession #	Q86W27; B2RN12
UniProt Related Accession #	Q7RTR0
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 9
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 9
NCBI Official Symbol	NLRP9
NCBI Official Synonym Symbols	NOD6; NALP9; PAN12; CLR19.1
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 9
UniProt Synonym Protein Names	Nucleotide-binding oligomerization domain protein 6; PYRIN and NACHT-containing protein 12
Protein Family	NACHT, LRR and PYD domains-containing protein
UniProt Gene Name	NLRP9
UniProt Synonym Gene Names	NALP9; NOD6; PAN12
UniProt Entry Name	NALP9_HUMAN
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 9; PYRIN and NACHT-containing protein 12; NACHT, LRR and PYD containing protein 9; NACHT, leucine rich repeat and PYD containing 9; nucleotide-binding oligomerization domain protein 6; nucleotide-binding oligo
NCBI Summary for NLRP9	The protein encoded by this gene belongs to the NALP protein family. Members of the NALP protein family typically contain a NACHT domain, a NACHT-associated domain (NAD), a C-terminal leucine-rich repeat (LRR) region, and an N-terminal pyrin domain (PYD). This protein may play a regulatory role in the innate immune system as similar family members belong to the signal-induced multiprotein complex, the inflammasome, that activates the pro-inflammatory caspases, caspase-1 and caspase-5. [provided by RefSeq, Jul 2008]
UniProt Comments for NLRP9	NLRP9: Involved in inflammation (Potential). Belongs to the NLRP family. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 19q13.42 Cellular Component: cytoplasm Molecular Function: ATP binding
Research Articles on NLRP9	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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