

Product Name: Toll-Like Receptor 6 Rabbit Polyclonal Antibody
Catalog #: APRab00445

Summary

Production Name	Toll-Like Receptor 6 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	TLR6
Alternative Names	Toll-like receptor 6; CD286
Gene ID	10333
SwissProt ID	Q9Y2C9

Application

Dilution Ratio	IHC: 1/50-1/100
Molecular Weight	-

Background

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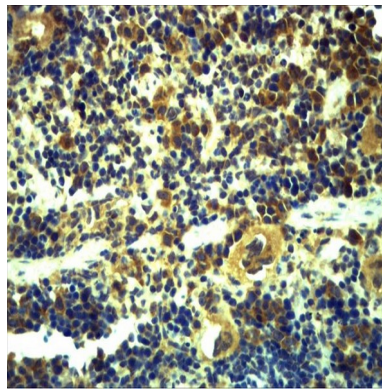


The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from *Drosophila* to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This receptor functionally interacts with toll-like receptor 2 to mediate cellular response to bacterial lipoproteins. A Ser249Pro polymorphism in the extracellular domain of the encoded protein may be associated with an increased of asthma in some populations.

Research Area

Immunology

Image Data



Immunohistochemistry analysis of paraffin-embedded mouse Spleen Tissue using Toll-Like Receptor 6 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.