



TLR1 rabbit pAb

Cat No.:ES20608

For research use only

Overview

Product Name	TLR1 rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	IHC: 1:200-500
Immunogen	Recombinant Protein of TLR1
Specificity	The antibody detects endogenous TLR1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Toll-like receptor 1
Gene Name	TLR1
Cellular localization	Cell membrane ; Single-pass type I membrane protein . Cytoplasmic vesicle, phagosome membrane ; Single-pass type I membrane protein . Membrane raft . Golgi apparatus . Does not reside in lipid rafts before stimulation but accumulates increasingly in the r
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	
Human Gene ID	7096
Human Swiss-Prot Number	Q15399
Alternative Names	TLR1; KIAA0012; Toll-like receptor 1; Toll/interleukin-1 receptor-like protein; TIL; CD281
Background	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 gene is ubiquitously expressed, and at higher levels than other TLR genes. Different length transcripts presumably resulting from use of alternative polyadenylation site, and/or from alternative splicing, have been noted for this gene. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded Mouse Spleen Tissue using TLR1 Polyclonal Antibody.

