

TLR1 Polyclonal Antibody

Cat No: HR1AP9321

For research use only

Overview

Product Name	TLR1 Polyclonal Antibody
Source	Rabbit
Applications	IHC-p
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	
Observed band	kDa
GeneID?Human?	TLR1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	TLR1; KIAA0012; Toll-like receptor 1; Toll/interleukin-1 receptor-like protein; TIL; CD281
Background	toll like receptor 1(TLR1) Homo sapiens 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],