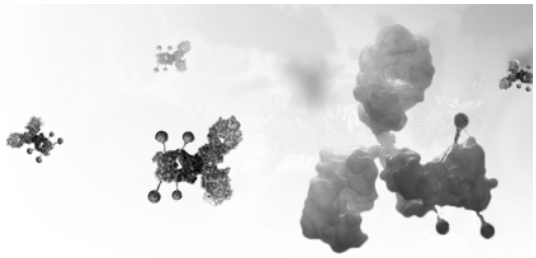

Anti-TLR1 (aa 321-420) polyclonal antibody (DPAB-DC3072)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	TLR1 (NP_003254, 321 a.a. ~ 420 a.a) partial recombinant protein with GST tag. The sequence is EIFSNMNIKNFTVSGTRMVHMLCPSKISPFLHLDFSNNLLTDTVFENCGHLTELETLILQMNQLKELSKIAEMTTQMKSLQQLDISQNSVSYDEKKGDCS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	TLR1 toll-like receptor 1 [Homo sapiens (human)]
Official Symbol	TLR1
Synonyms	TLR1; toll-like receptor 1; TIL; CD281; rsc786; TIL. LPRS5; toll/interleukin-1 receptor-like protein;
Entrez Gene ID	7096
Protein Refseq	NP_003254
UniProt ID	Q15399
Chromosome Location	4p14
Pathway	Activated TLR4 signalling; Defensins; Innate Immune System; Regulation of toll-like receptor signaling pathway
Function	protein heterodimerization activity; receptor activity; transmembrane signaling receptor activity;

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