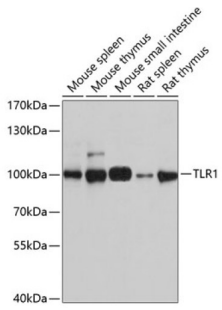
Toll-Like Receptor 1 (TLR1) Antibody

Catalogue No.:abx000950



Western blot analysis of extracts of various cell lines using TLR1 Antibody (1/1000 dilution).

TLR1 Antibody is a Rabbit Polyclonal antibody against TLR1. 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.

Target:	Toll-Like Receptor 1 (TLR1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human TLR1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q15399 (UniProt, ExPASy)

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Gene Symbol:	TLR1
GeneID:	7096
OMIM:	601194
NCBI Accession:	NP_003254.2
HGNC:	11847
KEGG:	hsa:7096
Ensembl:	ENSG00000174125
String:	9606.ENSP00000354932
Molecular Weight:	Calculated MW: 90 kDa Observed MW: 100 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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