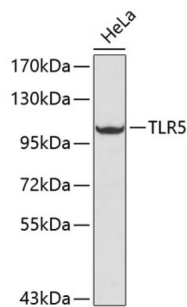
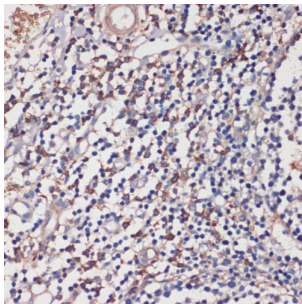


Toll-Like Receptor 5 (TLR5) Antibody

Catalogue No.: abx001438



Western blot analysis of extracts of HeLa cells using TLR5 Antibody.



Immunohistochemistry of paraffin-embedded Human tonsil using TLR5 Antibody (1/100 dilution, 40x lens).

TLR5 Antibody is a Rabbit Polyclonal antibody against TLR5. This gene encodes a member of the toll-like receptor (TLR) family, which plays a fundamental role in pathogen recognition and activation of innate immune responses. These receptors recognize distinct pathogen-associated molecular patterns that are expressed on infectious agents. The protein encoded by this gene recognizes bacterial flagellin, the principal component of bacterial flagella and a virulence factor. The activation of this receptor mobilizes the nuclear factor NF-kappaB, which in turn activates a host of inflammatory-related target genes. Mutations in this gene have been associated with both resistance and susceptibility to systemic lupus erythematosus, and susceptibility to Legionnaire disease.[provided by RefSeq, Dec 2009].

Target: Toll-Like Receptor 5 (TLR5)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human TLR5

Datasheet

Version: 4.0.0
Revision date: 25 Jun 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O60602 (UniProt , ExPASy)
Gene Symbol:	TLR5
GeneID:	7100
NCBI Accession:	NP_003259.2
KEGG:	hsa:7100
String:	9606.ENSP00000440643
Molecular Weight:	Calculated MW: 97 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.