

Datasheet for ABIN3022439
anti-TLR5 antibody (AA 714-858)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TLR5
Binding Specificity:	AA 714-858
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 714-858 of human TLR5 (NP_003259.2).
Sequence:	HLDTQYSDQN RFNLCFEERD FVPGENRIAN IQDAIWNSRK IVCLVSRHFL RDGWCLEAFS YAQGRCLSDL NSALIMVVVG SLSQYQLMKH QSIRGFVQKQ QYLRWPEDLQ DVGWFLHKLS QQILKKEKEK KKDNNIPLQT VATIS
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	TLR5
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Target Details

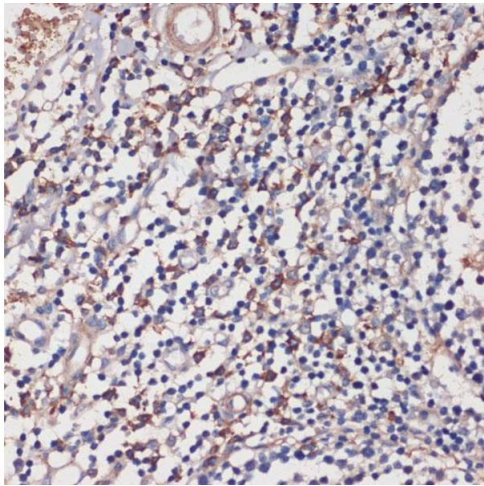
Alternative Name:	TLR5 (TLR5 Products)
Background:	<p>This gene encodes a member of the toll-like receptor (TLR) family, which plays a fundamental role in pathogen recognition and activation of innate immune responses. These receptors recognize distinct pathogen-associated molecular patterns that are 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.,MELIOS,SLE1,SLEB1,TIL3,TLR5,Immunology & Inflammation,Toll-like Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,TLR Signaling,TLR5</p>
Molecular Weight:	97 kDa
Gene ID:	7100
UniProt:	O60602
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

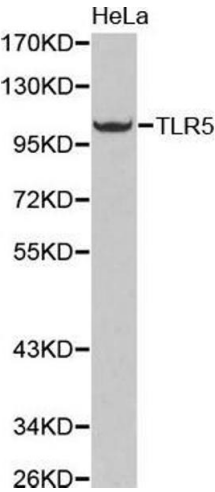
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human tonsil using TLR5 antibody (ABIN3022438, ABIN3022439, ABIN3022440 and ABIN6218820) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2.