

anti-Human TLR5 Polyclonal Antibody | anti-TLR5 antibody

Anti-TLR5 Antibody

CATALOG # AAA46434	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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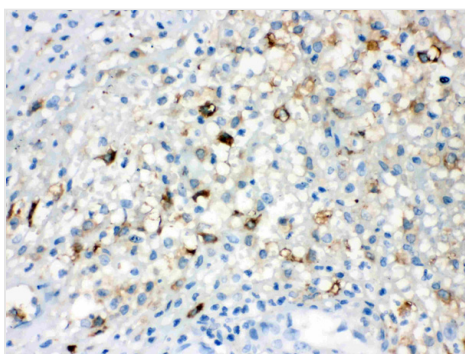
PRODUCT SYNONYMS

TLR5; Polyclonal Antibody; Anti-TLR5 Antibody; Toll-like receptor 5; FLJ10052; MGC126430; MGC126431; SLEB1; TIL 3; TIL3; TLR 5; Tlr5; TLR5_HUMAN; Toll like receptor 5; Toll like receptor 5 precursor; Toll/interleukin 1 receptor like protein 3; Toll/interleukin-1 receptor-like protein 3; toll-like receptor 5; anti-TLR5 antibody

PRODUCT SPECIFICATIONS

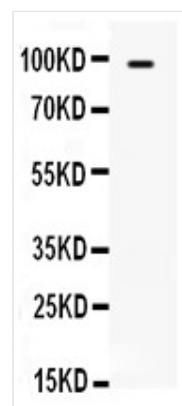
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	858
Applicable Applications for anti-TLR5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human TLR5 (801-828aa MKHQSIRGFVQKQQLRWPEDFQDVGWF), different from the related mouse sequence by five amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- TLR5 Picoband antibody, AAA46434, IHC(P)IHC(P): Human Appendicitis Tissue



WB (Western Blot)

Anti- TLR5 Picoband antibody, AAA46434, Western blottingAll lanes: Anti TLR5 (AAA46434) at 0.5ug/mlWB: JURKAT Whole Cell Lysate at 40ugPredicted bind size: 98KDObserved bind size: 98KD

ADDITIONAL INFORMATION

Related Product Information for anti-TLR5 antibody	Description: Rabbit IgG polyclonal antibody for Toll-like receptor 5(TLR5) detection. Tested with WB, IHC-P in Human. Background: TLR5 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.
References	1. "Entrez Gene: TLR5 toll-like receptor 5". 2. Hayashi F, Smith KD, Ozinsky A, Hawn TR, Yi EC, Goodlett DR, Eng JK, Akira S, Underhill DM, Aderem A (April 2001). "The innate immune response to bacterial flagellin is mediated by Toll-like receptor 5". Nature 410 (6832): 1099-1103. 3. Smith KD, Andersen-Nissen E, Hayashi F, Strobe K, Bergman MA, Barrett SL, Cookson BT, Aderem A (December 2003). "Toll-like receptor 5 recognizes a conserved site on flagellin required for protofilament formation and bacterial motility". Nature Immunology 4 (12): 1247-53.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16751843
NCBI GeneID	7100
NCBI Accession #	NP_003259.2
NCBI GenBank Nucleotide #	NM_003268.5
UniProt Accession #	O60602; O15456; Q32MI2; Q32MI3; B1AZ05; B3Y633; B9VJ63; D1CS80; D3DTB8
Molecular Weight	97,834 Da
NCBI Official Full Name	toll-like receptor 5
NCBI Official Synonym Full Names	toll like receptor 5
NCBI Official Symbol	TLR5
NCBI Official Synonym Symbols	SLE1; TIL3; SLEB1; MELIOS
NCBI Protein Information	toll-like receptor 5
UniProt Protein Name	Toll-like receptor 5
UniProt Gene Name	TLR5
UniProt Synonym Gene Names	TIL3
UniProt Entry Name	TLR5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tlr5-antibody-immunohistochemistry-western-blot-elisa/46434>