

Rabbit anti-Mouse TLR5 Polyclonal Antibody | anti-Tlr5 antibody

Mouse TLR5 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284423	Rabbit	Mouse	Immunohistochemistry, ELISA, Western Blot

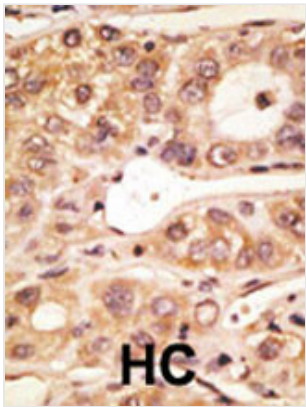
PRODUCT SYNONYMS

TLR5; Polyclonal Antibody; Mouse TLR5 Antibody (C-term); Toll-like receptor 5; Tlr5; anti-Tlr5 antibody

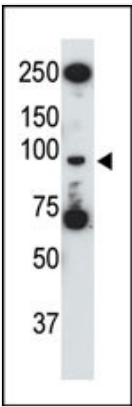
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse TLR5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 825-856 amino acids from the C-terminal region of mouse TLR5.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	825-856
Sequence Length	859
Applicable Applications for anti-Tlr5 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-mTLR5 Pab is used in Western blot to detect TLR5 in HL60 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-Tlr5 antibody	TLR5, a Type I membrane protein belonging to the Toll-like receptor family, participates in the innate immune response to microbial agents. It also plays a role in mediating detection of bacterial flagellins. TLR5 acts via MyD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. This protein binds to TIRAP and MyD88 via their respective TIR domains TLR5 is highly expressed in liver, and is detected in lung and at very low levels in most other tissues. The TLR5 gene lies in a locus that is associated with susceptibility to Salmonella. Inbred strains of mice can be classified into 3 categories according to their resistance to infection with S.typhimurium: susceptible (BALB/c, C57BL/6, C3H/He), intermediate (DBA/2, C75L) and resistant (A, CBA). The strain MOLF/Ei is highly susceptible to the infection, has an unique TLR5 haplotype and a lower expression of TRL5.
Product Categories/Family for anti-Tlr5 antibody	Immunology
References	Sebastiani, G., et al., Genomics 64(3):230-240 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	124248590
NCBI GeneID	53791
NCBI Accession #	NP_058624.2
NCBI GenBank Nucleotide #	NM_016928.2
UniProt Accession #	Q9JLF7
Molecular Weight	97627
NCBI Official Full Name	toll-like receptor 5
NCBI Official Synonym Full Names	toll-like receptor 5
NCBI Official Symbol	Tlr5
NCBI Protein Information	toll-like receptor 5
UniProt Protein Name	Toll-like receptor 5
UniProt Gene Name	Tlr5
UniProt Entry Name	TLR5_MOUSE

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/284423>