

Rabbit TLR5 Polyclonal Antibody | anti-TLR5 antibody

Phospho-TLR5 (Ser805) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328309	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Sheep, Rabbit	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TLR5; Polyclonal Antibody; Phospho-TLR5 (Ser805) Antibody; FLJ10052; MGC126430; MGC126431; SLEB1; TIL 3; TIL3; TLR 5; Tlr5; TLR5_HUMAN; Toll like receptor 5; Toll like receptor 5 precursor; Toll-like receptor 5; Toll/interleukin 1 receptor like protein 3; Toll/interleukin-1 receptor-like protein 3; anti-TLR5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Sheep, Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-TLR5 (Ser805) Antibody detects endogenous levels of TLR5 only when phosphorylated at Ser805.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	858
Applicable Applications for anti-TLR5 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TLR5 around the phosphorylation site of Ser805.
Tissue Specificity	Highly expressed in ovary and in peripheral blood leukocytes, especially in monocytes, less in CD11c+ immature dendritic cells. Also detected in prostate and testis.
Subcellular Location	Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Mouse Liver tissue sample,using Phospho-TLR5 (Ser805) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining mouse kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining rat liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-TLR5 antibody	Description: Participates in the innate immune response to microbial agents. Mediates detection of bacterial flagellins. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
	Post Translational Modifications: Phosphorylated at Ser-805 by PKD/PRKD1; phosphorylation induces the production of inflammatory cytokines. Phosphorylated at Tyr-798 upon flagellin binding; required for signaling.
	Subunit Structure: Binds MYD88 via their respective TIR domains (By similarity). Homodimer both in the absence and presence of ligand.
	Similarity: Belongs to the Toll-like receptor family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274239
NCBI GeneID	7100
UniProt Accession #	O60602
Molecular Weight	Observed: 98 kDa Predicted: 98 kDa
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-peptide-elisa-immunohistochemistry-western-blot-elisa/328309>