

Rabbit TLR4 Polyclonal Antibody | anti-TLR4 antibody

Rabbit Polyclonal to Human TLR4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52104	Rabbit	Bovine, Chimpanzee, Gorilla, Horse, Human, Macaque	Western Blot, Immunohistochemistry

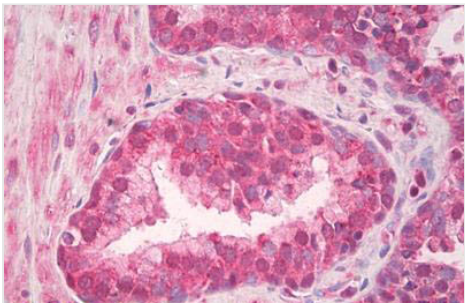
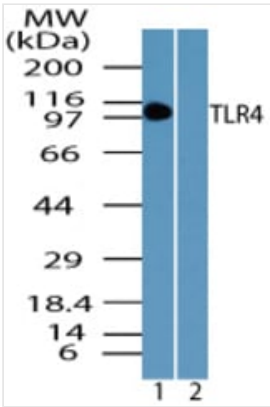
PRODUCT SYNONYMS

TLR4; Polyclonal Antibody; Rabbit Polyclonal to Human TLR4; Anti-TLR4 Antibody (aa650-700) IHC-plus; CD284; CD284 antigen; Homolog of Drosophila toll; TLR-4; TOLL; ARMD10; Toll-like receptor 4; HToll; Human TLR4; anti-TLR4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Chimpanzee, Gorilla, Horse, Human, Macaque
Clonality	Polyclonal
Specificity	Human TLR4
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	799
Applicable Applications for anti-TLR4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	A portion of amino acids 650-700 of human TLR4 was used as the immunogen for this antibody.
Immunogen Type	Synthetic peptide
Immunogen	TLR4 antibody was raised against a portion of amino acids 650-700 of human TLR4 was used as the immunogen for this antibody.
Antigen Modification	aa650-700
Preparation and Storage	Store at 4 degree C, stable for 6 months. For long term storage, aliquot and store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)
Anti-TLR4 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 5 ug/ml.

WB (Western Blot)
Western blot of TLR4 in human intestine lysate in the 1) absence and 2) presence of immunizing peptide using TLR4 antibody at 0.1 ug/ml. Goat anti-rabbit Ig HRP secondary antibody, and PicoTect ECL substrate solution, were used for this test.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR4 antibody	Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors such as Protein Kinase C (PKC) alpha/beta and NF-kB. Studies with TLR4-deficient mice indicate that the main ligand for TLR is lipopolysaccharide.
Product Categories/Family for anti-TLR4 antibody	Family: Toll-like Receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507533
NCBI GeneID	7099
NCBI Accession #	NP_003257.1
NCBI GenBank Nucleotide #	NM_003266.3
UniProt Accession #	O00206 ; Q5VZI8 ; Q5VZI9 ; Q9UK78 ; Q9UM57 ; A8K1Y8 ; A9XLP9 ; A9XLQ0 ; A9XLQ1 ; B4E194 ; D1CS52 ; D1CS53
Molecular Weight	73,301 Da
NCBI Official Full Name	toll-like receptor 4 isoform C
NCBI Official Synonym Full Names	toll-like receptor 4
NCBI Official Symbol	TLR4
NCBI Official Synonym Symbols	TOLL; CD284; TLR-4; ARMD10
NCBI Protein Information	toll-like receptor 4; hToll; homolog of Drosophila toll
UniProt Protein Name	Toll-like receptor 4
UniProt Gene Name	TLR4
UniProt Entry Name	TLR4_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.

