

Rabbit TLR2 Polyclonal Antibody | anti-TLR2 antibody

TLR2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200893	Rabbit	Tested:HumanPredicted: Cow, Dog, Goat, Horse, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot, Immunofluorescence

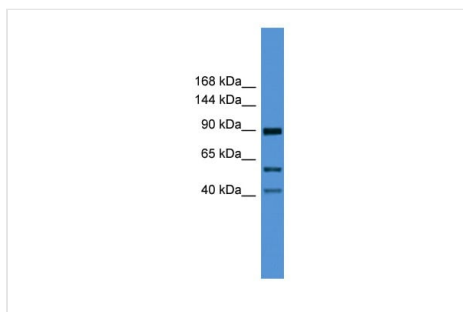
PRODUCT SYNONYMS

TLR2; Polyclonal Antibody; TLR2 antibody - middle region; anti-TLR2 antibody

PRODUCT SPECIFICATIONS

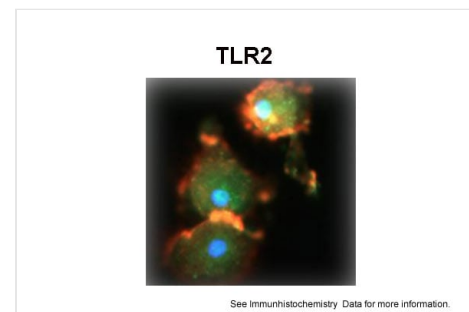
Host	Rabbit
Reactivity	Tested:Human Predicted: Cow, Dog, Goat, Horse, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: VS GMCCALFLI LLTGVLCHRF HGLWYMKMMW AWLQAKRKPR KAPSRNIC
Sequence Length	784
Applicable Applications for anti-TLR2 antibody	WB (Western Blot), IF (Immunofluorescence)
Homology	Cow: 86%; Dog: 93%; Goat: 86%; Horse: 79%; Human: 100%; Mouse: 79%; Pig: 86%; Rabbit: 79%; Rat: 79%; Sheep: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TLR2
Protein Size (#AA)	784 amino acids
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



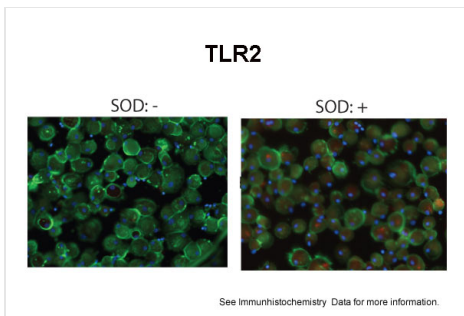
WB (Western Blot)

WB Suggested Anti-TLR2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human heart



IHC (Immunohistochemistry)

Sample Type: human macrophages
Sample Type: Human Macrophage Cells
Green: primary
Red: phalloidin
Blue: DAPI
Yellow: green/red
Primary Dilution: 1:200
Secondary Antibody: anti-Rabbit IgG-FITC
Secondary Dilution: 1:1000
Image Submitted By: Milan Fiala
University of California, Los Angeles



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ADDITIONAL INFORMATION

Related Product Information for anti-TLR2 antibody	This is a rabbit polyclonal antibody against TLR2. It was validated on Western Blot
	Target Description: TLR2 is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB.
Product Categories/Family for anti-TLR2 antibody	Polyclonal ; Transcription Factor ; Signal Proteins ; Lymphocyte Signaling ; Membrane Protein ; Transcription Regulation ; Cell Biology ; Developmental Biology ; Mitochondria ; Apoptosis ; Immunohistochemistry ; Microbiology ; Phosphorylation ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	19718734
NCBI GeneID	7097
NCBI Accession #	NP_003255
NCBI GenBank Nucleotide #	NM_003264
UniProt Accession #	O60603
Molecular Weight	90kDa
NCBI Official Full Name	toll-like receptor 2
NCBI Official Synonym Full Names	toll like receptor 2
NCBI Official Symbol	TLR2
NCBI Official Synonym Symbols	TIL4; CD282
NCBI Protein Information	toll-like receptor 2
UniProt Protein Name	Toll-like receptor 2
UniProt Gene Name	TLR2
UniProt Synonym Gene Names	TIL4
UniProt Entry Name	TLR2_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/tlr2-antibody-western-blot-immunofluorescence-elisa/200893>