

Rabbit TLR3 Polyclonal Antibody | anti-TLR3 antibody

TLR3 Antibody

CATALOG # AAA308306	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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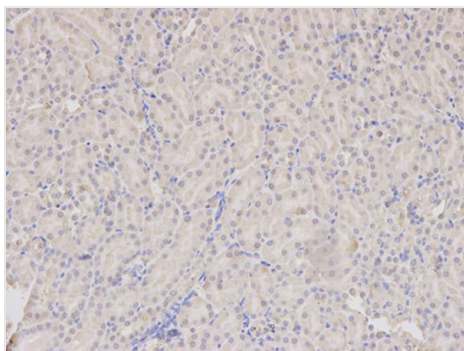
PRODUCT SYNONYMS

TLR3; Polyclonal Antibody; TLR3 Antibody; CD283; anti-TLR3 antibody

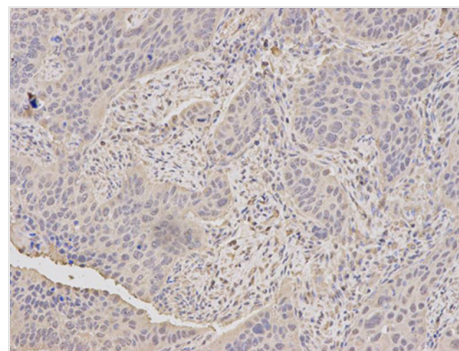
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total TLR3 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	904
Applicable Applications for anti-TLR3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TLR3.
Target Name	TLR3
Preparation and Storage	Store at -20 degree C

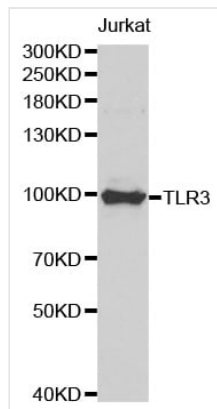
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse kidney using TLR3 antibody at dilution of 1:200 (200x lens).


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human esophageal cancer using TLR3 antibody at dilution of 1:200 (200x lens).



WB (Western Blot)
Western blot analysis of extracts from Jurkat cell, using TLR3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR3 antibody	Members of the Toll-like receptor (TLR) family, named for the closely related Toll receptor in <i>Drosophila</i> , play a pivotal role in innate immune responses (1-3). TLRs recognize conserved motifs found in various pathogens and mediate defense responses. Triggering of the TLR pathway leads to the activation of NF-κB and subsequent regulation of immune and inflammatory genes. The TLRs and members of the IL-1 receptor family share a conserved stretch of approximately 200 amino acids known as the TIR domain. Upon activation, TLRs associate with a number of cytoplasmic adaptor proteins containing TIR domains including MyD88 (myeloid differentiation factor), MAL/TIRAP (MyD88-adaptor-like/TIR-associated protein), TRIF (Toll-receptor-associated activator of interferon), and TRAM (Toll-receptor-associated molecule). This association leads to the recruitment and activation of IRAK1 and IRAK4, which form a complex with TRAF6 to activate TAK1 and IKK. Activation of IKK leads to the degradation of IκB that normally maintains NF-κB inactivity by sequestering it in the cytoplasm.
Product Categories/Family for anti-TLR3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507531
NCBI GeneID	7098
NCBI Accession #	NP_003256.1
NCBI GenBank Nucleotide #	NM_003265.2
UniProt Accession #	O15455; Q4VAL2; Q504W0; B2RAI7; B7Z7K0; E6Y0F0; E6Y0F1; E9PGH4
Molecular Weight	72,937 Da
NCBI Official Full Name	toll-like receptor 3
NCBI Official Synonym Full Names	toll-like receptor 3
NCBI Official Symbol	TLR3
NCBI Official Synonym Symbols	CD283; IIAE2
NCBI Protein Information	toll-like receptor 3
UniProt Protein Name	Toll-like receptor 3
UniProt Gene Name	TLR3
UniProt Entry Name	TLR3_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.

