

Rabbit anti-Human TLR3 Polyclonal Antibody | anti-TLR3 antibody

Human TLR3 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283256	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

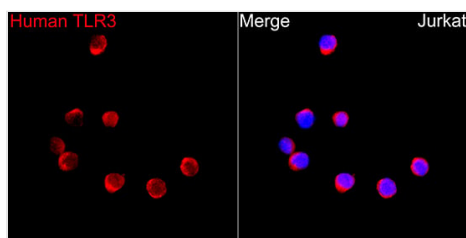
PRODUCT SYNONYMS

TLR3; Polyclonal Antibody; Human TLR3 Rabbit pAb; CD283; IIAE2; toll-like receptor 3; Human TLR3; anti-TLR3 antibody

PRODUCT SPECIFICATIONS

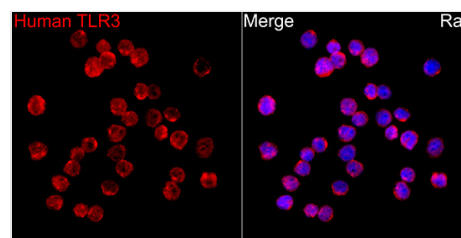
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	STTKCTVSHE VADCSHLKLT QVPDDLPTNI TVNLNTHNQL RRLPAANFTR YSQLTSLDVG FNTISKLEPE LCQKLPMKV LNLQHNELSQ LSDKTFAFCT NLTELHLSN SIQKIKNPNF VKQKNLITLD LSHNGLSSTK LGTQVQLENL QELLSSNNKI QALKSEELDI FANSSLKKE LSSNQIKEFS PGCFFHAIGRL FGLFLNNVQL GPSLTEKLCL ELANTSIRNL SLSNSQLSTT SNTTFLGLKW TNLTMLDSY NNLNVVGND FAWLPQLEYF FLEYNNIQHL FSHSLHGLFN VRYLNLKRSF TKQSIG
Applicable Applications for anti-TLR3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant Protein corresponding to a sequence within amino acids 24-339 of human Human TLR3(NP_003256.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



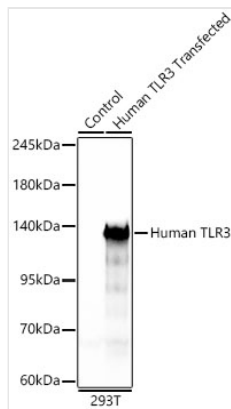
IF (Immunofluorescence)

Immunofluorescence analysis of Jurkat cells using Human TLR3 Rabbit pAb(AAA283256) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Raji cells using Human TLR3 Rabbit pAb(AAA283256) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and 293T cells transfected with TLR3 using Human TLR3 Rabbit pAb (AAA283256) at 1:800 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR3 antibody	The protein encoded by this gene 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 <i>Drosophila</i> 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 receptor is most abundantly expressed in placenta and pancreas, and is restricted to the dendritic subpopulation of the leukocytes. It recognizes dsRNA associated with viral infection, and induces the activation of NF-kappaB and the production of type I interferons. It may thus play a role in host defense against viruses. Use of alternative polyadenylation sites to generate different length transcripts has been noted for this gene.
Product Categories/Family for anti-TLR3 antibody	Signal Transduction; Immunology & Inflammation; CD markers; NF-kB Signaling Pathway; Toll-like Receptor Signaling Pathway; Cell Intrinsic Innate Immunity Signaling Pathway; Chemokines; TLR Signaling; Chemokine; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	86161330
NCBI GeneID	7098
UniProt Accession #	O15455; Q4VAL2
Molecular Weight	Calculated MW: 72kDa/103kDa Observed MW: 130kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tlr3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283256>