

Product datasheet for **TA306156**

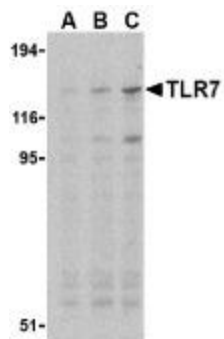
Tlr7 Rabbit Polyclonal Antibody

Product data:

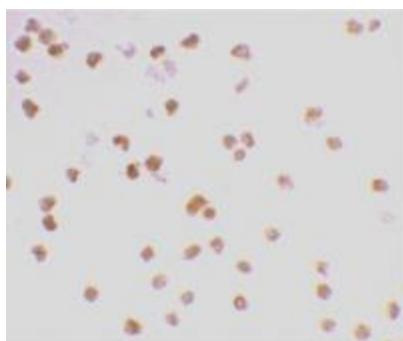
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 2 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TLR7 antibody was raised against a peptide corresponding to 14 amino acids near the middle of mouse TLR7.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Ion exchange chromatography purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	toll-like receptor 7
Database Link:	NP_573474 Entrez Gene 170743 Mouse P58681
Background:	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 (1-3). These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors (4,5). TLR7, like TLRs 3, 8, and 9, is localized in intracellular acidic compartments such as the phagolysosome (6) and will recognize some single-stranded RNA viruses such as vesicular stomatitis virus (VSV) and influenza virus (7). Activation of TLR7 by VSV results in stimulation of the immune response including IFNA secretion, suggesting the importance of TLR7 in virus recognition.
Synonyms:	TLR7-like



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Product images:

Western blot analysis of TLR7 in Daudi cell lysates with TLR7 antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.



Immunocytochemistry staining of Daudi cells using TLR7 antibody at 2 ug/mL.