

Product datasheet for **TA306159**

TLR8 Rabbit Polyclonal Antibody

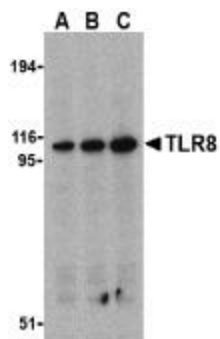
Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 2 ug/mL, IF: 10 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TLR8 antibody was raised against a peptide corresponding to 16 amino acids near the middle of human TLR8.
Formulation:	PBS containing 0.02% sodium azide.
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	toll like receptor 8
Database Link:	NP_619542 Entrez Gene 170744 Mouse Entrez Gene 51311 Human Q9NR97
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). Like TLR7, TLR8 is localized to endosomal or lysosomal compartments (6) and stimulates the innate immune response after activation by guanosine- and uridine-rich single-stranded RNA (7). Human but not murine TLR8 confers responsiveness to the antiviral compound R-848 (8).
Synonyms:	CD288
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Toll-like receptor signaling pathway



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Product images:



Western blot analysis of TLR8 in Daudi cell lysates with TLR8 antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.



Immunocytochemistry of TLR8 in Daudi cells with TLR8 antibody at 2 ug/mL.