

Product datasheet for **TA306157**

TLR10 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, WB
Recommended Dilution:	TLR10 antibody can be used for detection of TLR10 by Western blot at 0.5 to 1 µg/mL. Despite its predicted size of ~90 kDa, a band corresponding to TLR10 is observed at ~75 kDa in immunoblot assays. For immunofluorescence start at 2 µg/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TLR10 antibody was raised against a peptide corresponding to 14 amino acids near the middle of human TLR10.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TLR10 Antibody is 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 10
Database Link:	AAQ88667 Entrez Gene 81793 Human Q9BXR5

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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). TLR10 is highly homologous to TLRs 1 and 6 and is most highly expressed in lymphoid tissues (6). Most recently genetic variation in TLR10 has been associated with contributing to asthma risk (7). It should be noted that TLR10 exists in mice only as a pseudogene (8).

Synonyms:

CD290