

Polyclonal Antibody to TLR11 - Aff - Purified

Alternate names:	Gm287, Toll-like receptor 11
Catalog No.:	AP10349PU-N
Quantity:	0.1 mg
Concentration:	0.56-0.72 mg/ml (lot specific)
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. These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors. TLR11 is one of three mouse TLRs that lack a human ortholog. It is activated specifically by uropathogenic bacteria, and mice lacking TLR11 showed a much greater susceptibility to uropathogenic infections, indicating a potentially important role for TLR11 in preventing infections in the urogenital system.
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide from unique region near the C-terminal end of Toll receptor-11 protein, this peptide sequence is not present in other members of the TLR family. Remarks: The peptide was post-synthetically modified to achieve desired antigenicity.
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography using immobilized antigen Buffer System: Stabilization buffer
Applications:	ELISA/Dot blot: 1/20,000. Western Blot: 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Toll-like receptor 11 (TLR11) Species: Human, Chimpanzee and Monkey. Other species not tested.
Storage:	Store the antibody undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.