

## TLR11 Polyclonal Antibody

<b>CATALOG #:</b>	3931-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 793 of mouse TLR11 (Internal ID# BV-D91G)
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat

### FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**STORAGE CONDITIONS:** Store at -20°C. For long term storage, store at -70°C.

### DESCRIPTION:

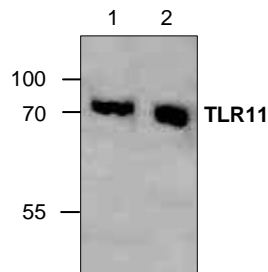
The Toll-like receptor (TLR) family of proteins are characterized by a highly conserved Toll homology (TH) domain, which is essential for Toll-induced signal transduction. TLRs require adapter molecule such as MyD88 and TIRAP to activate various kinases and transcription factors. TLR11 is activated by uropathogenic bacteria and may play a role in preventing urogenital infections.

### SPECIFICITY:

The antibody recognizes ~70-90 kDa of TLR11 in Jurkat cell lysate. Reactivity to other species has not been tested.

### APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3931BP-50) is available separately.



**Cat.#: 3931-100**  
Western blot analysis of TLR11 expression in Jurkat cell lysate (Lane 1 & 2).

**FOR RESEARCH USE ONLY! Not to be used on humans.**

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