

For Research Use Only

# TLR4 Polyclonal antibody

Catalog Number: 19501-1-AP **16 Publications**



## Basic Information

**Catalog Number:**

19501-1-AP

**Size:**

150ul

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_138554

**GeneID (NCBI):**

7099

**UNIPROT ID:**

O00206

**Full Name:**

toll-like receptor 4

**Calculated MW:**

96 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat, mouse, pig

## Background Information

TLR4, also named CD284, belongs to the Toll-like receptor family. TLR4 cooperates with LY96 and CD14 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). TLR4 acts via MYD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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## Selected Validation Data