

TLR4 Antibody
Purified Rabbit Polyclonal Antibody
Catalog # ABV11524**Specification**

TLR4 Antibody - Product Information

Application	WB
Primary Accession	G3V7D8
Other Accession	EDM10505.1
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

TLR4 Antibody - Additional Information**Other Names**

TOLL, Toll Like Receptor 4

Target/Specificity

TLR4

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-TLR4 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Background Descriptions**Precautions**

TLR4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

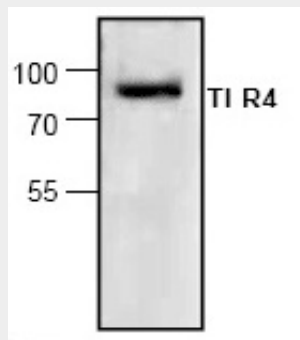
TLR4 Antibody - Protein Information**TLR4 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TLR4 Antibody - Images



Western blot analysis of TLR4 in rat kidney tissue lysate.

TLR4 Antibody - Background

TLR4 (Toll-like receptor 4) is a mammalian homologue of the *Drosophila* toll protein. The human TLR4 is a type-1 transmembrane protein containing 799 amino acid residues. The extracellular domain has leucine-rich repeats and the intracellular domain is similar to that of IL-1 receptor. TLR4 is a receptor for lipopolysaccharide (LPS). In mice that are genetically tolerant to endotoxin, mutations have been identified in the intracellular domain of TLR4 that abolish LPS responsiveness. TLR4 uses a mechanism similar to that of the IL-1 receptor for signal transduction that leads to activation of NF- κ B.