

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.

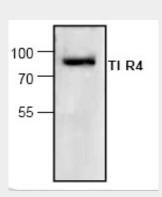
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence





- <u>Immunoprecipitation</u>
- Flow Cytomety
- 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 mammalain 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-kB.