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Tel: 858.875.1900 Fax: 858.875.1999

TLR10 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10720

Specification

TLR10 Antibody - Product Information

Application	**WB**
Primary Accession	Q9BXR5
Other Accession	BAF84715
Reactivity	**Human, Mouse, Rat, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**94564**

TLR10 Antibody - Additional Information

Gene ID 81793

Application & Usage

Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody recognizes ~75 kDa and 94 kDa isoforms of TLR10 in Jurkat cell lysate. Reactivity to other species has not been tested.

Other Names
Toll-like receptor 10

Target/Specificity
TLR10

Antibody Form
Liquid

Appearance
Colorless liquid

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.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
TLR10 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TLR10 Antibody - Protein Information

Name TLR10

Function
Participates in the innate immune response to microbial agents. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response (By similarity).

Cellular Location
Membrane; Single-pass type I membrane protein

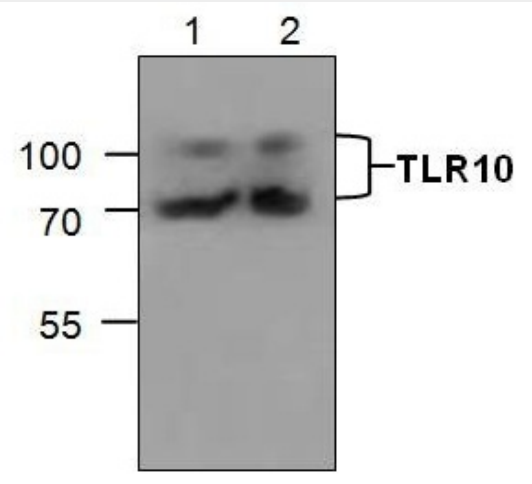
Tissue Location
Highly expressed in spleen, lymph node, thymus, tonsil and at lower levels in lung. Highly expressed in promyelocytic HL-60 cells and in B-cell lines

TLR10 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 Cytomety
- Cell Culture

TLR10 Antibody - Images



Western blot analysis of TLR10 expression in Jurkat cell lysate (Lane 1& 2).

TLR10 Antibody - Background

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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. TLR10 is homologous to TLRs 1 and 6 and is highly expressed in the lymphoid tissues.