

TLR7 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10408**Specification**

TLR7 Antibody - Product Information

Application	WB
Primary Accession	O9NYK1.1
Other Accession	AAZ99026
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

TLR7 Antibody - Additional Information

Application & Usage	Western blotting (1:500-1000 dilution). However, the optimal conditions should be determined individually. Ramos cell lysate can be used as a positive control.
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Other Names
TLR7 , Anti-TLR7 , PRO285 , UNQ248

Target/Specificity
TLR7

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µl affinity purified rabbit anti-TLR7 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.02% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
TLR7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TLR7 Antibody - Protein Information

TLR7 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](#)

TLR7 Antibody - Images

TLR7 Antibody - Background

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. TLR1, as well as the other TLR family members, are type I transmembrane receptors that characteristically contain an extracellular domain consisting of several leucine-rich regions along with a single cytoplasmic Toll/IL-1R-like domain. TLR2 and TLR4 are activated in response to lipopolysaccharide (LPS) stimulation, which results in the activation and translocation of NFkB and suggests that these receptors are involved in mediating inflammatory responses. TLR6 and TLR7 induce NFkB signaling upon activation, suggesting they play a role in immune response. Expression of TLR receptors is highest in peripheral blood leukocytes, macrophages, and monocytes.