

**TLR3 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10324****Specification**

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**TLR3 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q99MB1</a>
Other Accession	<a href="#">EDL35548</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	103671

**TLR3 Antibody - Additional Information****Gene ID** 142980**Other Names**

TLR-3 , CD283, Toll-like receptor 3

**Target/Specificity**

TLR3

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

TLR3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**TLR3 Antibody - Protein Information****Name** Tlr3 {ECO:0000312|MGI:MGI:2156367}**Function**

Key component of innate and adaptive immunity. TLRs (Toll- like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. TLR3 is a nucleotide-sensing TLR which is activated by double-stranded RNA, a sign of viral infection. Acts via the adapter TRIF/TICAM1, leading to NF-kappa-B activation, IRF3 nuclear translocation, cytokine secretion and the inflammatory response (By similarity).

**Cellular Location**

Endoplasmic reticulum membrane; Single-pass type I membrane protein. Endosome membrane {ECO:0000250|UniProtKB:O15455} Early endosome {ECO:0000250|UniProtKB:O15455}

**Tissue Location**

Highly expressed in lung. After intraperitoneal injection of lipopolysaccharide, highly expressed in brain, heart, kidney, liver, lung and spleen

**TLR3 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](#)

**TLR3 Antibody - Images****TLR3 Antibody - Background**

To date, at least ten members of the Toll family have been identified. TLRs recognize molecular patterns associated with microbial pathogens and induce antimicrobial immune response. TLR3 recognizes double-stranded (ds) RNA, induces the activation of NF-kB, through MyD88-dependent and -independent pathways, and the production of type I interferons (IFNs). Similar to several other members of the TLR family, TLR3 has been reported to be expressed at a very low level on the surface of human fibroblast cell lines.