

# TLR3 Rabbit pAb

Catalog No.: A1449

## Basic Information

**Observed MW**

Refer to figures

**Calculated MW**

104kDa

**Category**

Primary antibody

**Applications**

ELISA,WB

**Cross-Reactivity**

Human

## Background

The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from *Drosophila* to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This receptor is most abundantly expressed in placenta and pancreas, and is restricted to the dendritic subpopulation of the leukocytes. It recognizes dsRNA associated with viral infection, and induces the activation of NF-kappaB and the production of type I interferons. It thus plays a role in host defense against multiple viruses.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

**Gene ID**

7098

**Swiss Prot**

O15455

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 740-904 of human TLR3 (NP\_003256.1).

**Synonyms**

CD283; IIAE2; IMD83; TLR3

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.