

TLR3 Rabbit Polyclonal Antibody



CAB1449

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to figures

Calculated MW:

72kDa/103kDa

Applications:

WB

Reactivity:

Human

Protein 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- κ B and the production of type I interferons. It may thus play a role in host defense against viruses. Use of alternative polyadenylation sites to generate different length transcripts has been noted for this gene.

Immunogen information

Gene ID:

7098

Uniprot

O15455

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Synonyms:

TLR3; CD283; IIAE2

Source:

Rabbit

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 740-904 of human TLR3 (NP_003256.1).

Isotype:

IgG

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Purification:

Affinity purification

Product Images
