TLR3 Polyclonal Antibody

catalog number: **E-AB-10066**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant protein of human TLR3
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000

Data

Western Blot analysis of Raji and K562 cell using TLR3 Polyclonal Antibody at dilution of 1:500

Calculated-MW:104 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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 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.

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