## 11-3041: Polyclonal Antibody to TLR1

| Clonality : | Polyclonal |
| :--- | :--- |
| Application : | WB |
| Reactivity : | Mouse,Human |
| Gene : | TLR1 |
| Gene ID : | 7096 |
| Uniprot ID : | Q15399 |
| Format : | Purified |
| Alternative Name : | TLR1,KIAA0012 |
| Isotype : | Rabbit IgG |

Immunogen Information : A partial length recombinant TLR1 protein (amino acids 300-500) was used as the immunogen for this antibody.

## Description

Toll/interleukin-1 receptor-like protein (TLR1) is a member of the Toll-like receptor (TLR) family, which has close similarity to Drosophila Toll homologs. Toll receptors are involved in mediating dorsoventral polarization in the developing Drosophila embryo. TLR1 is a type I transmembrane receptor that characteristically contains an extracellular domain consisting of several leucine-rich regions along with a single cytoplasmic Toll/IL-1R-like domain. TLRs generally exist as homodimers, but TLR6 forms heterodimers with TLR2 and binds lipopeptide components of gram-positive and gram-negative bacterial cell walls. TLR1 is found to be involved in ocular toxoplasmosis and leprosy. It is highly expressed in spleen, ovary, peripheral blood leukocytes, thymus, and small intestine.

## Product Info

## Amount :

Purification :
Content :

Storage condition :
$25 \mu \mathrm{~g} / 100 \mu \mathrm{~g}$
Protein A Chromatography
$25 \mu \mathrm{~g}$ in $50 \mu \mathrm{l} / 100 \mu \mathrm{~g}$ in $200 \mu \mathrm{l}$ PBS containing $0.05 \%$ BSA and $0.05 \%$ sodium azide. Sodium azide is highly toxic.
Store the antibody at $4^{\circ} \mathrm{C}$, stable for 6 months. For long-term storage, store at $-20^{\circ} \mathrm{C}$. Avoid repeated freeze and thaw cycles.

## Application Note

Western blot analysis: 4-6 $\mu \mathrm{g} / \mathrm{ml}$


Fig-1: Western blot analysis of TLR1. Anti- TLR1 antibody (11-3041) was used at 4 $\mu \mathrm{g} / \mathrm{ml}$ on (1) Jurkat, (2) EL4 and (3) Raji lysates.

