# antibodies -online.com

anti-TLR1 antibody (AA 30-290)







**Images** 



Go to Product page

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| Quantity:            | 100 μL  |  |
|----------------------|---|--|
| Target:              | TLR1  |  |
| Binding Specificity: | AA 30-290   |  |
| Reactivity:          | Human   |  |
| Host:                | Rabbit  |  |
| Clonality:           | Polyclonal  |  |
| Conjugate:           | This TLR1 antibody is un-conjugated   |  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)  |  |
| Product Details      |   |  |
| Immunogen:           | Recombinant fusion protein containing a sequence corresponding to amino acids 30-290 of human TLR1 (NP_003254.2).   |  |
| Sequence:            | DRSKNGLIHV PKDLSQKTTI LNISQNYISE LWTSDILSLS KLRILIISHN RIQYLDISVF KFNQELEYLD LSHNKLVKIS CHPTVNLKHL DLSFNAFDAL PICKEFGNMS QLKFLGLSTT HLEKSSVLPI AHLNISKVLL VLGETYGEKE DPEGLQDFNT ESLHIVFPTN KEFHFILDVS VKTVANLELS NIKCVLEDNK CSYFLSILAK LQTNPKLSNL TLNNIETTWN SFIRILQLVW HTTVWYFSIS NVKLQGQLDF R |  |
| Isotype:             | In C  |  |
| 7)                   | IgG   |  |
| Cross-Reactivity:    | Human, Mouse, Rat   |  |

# **Target Details**

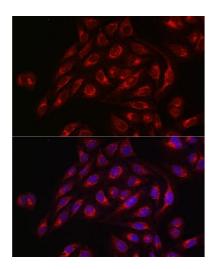
| Target:             | TLR1  |  |  |
|---------------------|---|--|--|
| Alternative Name:   | TLR1 (TLR1 Products)  |  |  |
| Background:         | The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays |  |  |
|                     | a fundamental role in pathogen 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 gene is ubiquitously  |  |  |
|                     | expressed, and at higher levels than other TLR genes. Different length transcripts presumably   |  |  |
|                     | resulting from use of alternative polyadenylation site, and/or from alternative splicing, have  |  |  |
|                     | been noted for this gene.,TLR1,CD281,TIL,TIL. LPRS5,rsc786,TIL.LPRS5,Signal                     |  |  |
|                     | Transduction,Immunology & Inflammation,CD markers,NF-kB Signaling Pathway,Toll-like             |  |  |
|                     | Receptor Signaling Pathway, Cell Intrinsic Innate Immunity Signaling Pathway, TLR               |  |  |
|                     | Signaling,TLR1  |  |  |
| Molecular Weight:   | 90 kDa  |  |  |
| Gene ID:            | 7096  |  |  |
| UniProt:            | Q15399  |  |  |
| Pathways:           | TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of           |  |  |
|                     | Bacterial Origin, Toll-Like Receptors Cascades  |  |  |
| Application Details |   |  |  |
| Application Notes:  | WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200  |  |  |
| Restrictions:       | For Research Use only   |  |  |
| Handling            |   |  |  |
| Format:             | Liquid  |  |  |
| Buffer:             | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.   |  |  |
| Preservative:       | Sodium azide  |  |  |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which                   |  |  |
|                     | should be handled by trained staff only.  |  |  |
| Handling Advice:    | Avoid freeze / thaw cycles  |  |  |
|                     |   |  |  |

## Handling

| Storage: | -20 °C |
|----------|--------|
|          |        |

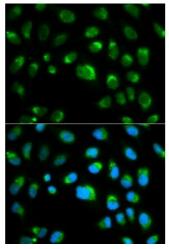
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

### **Images**



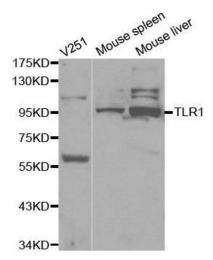
### **Immunofluorescence**

**Image 1.** Immunofluorescence analysis of U2OS cells using TLR1 Rabbit pAb (ABIN3023654, ABIN3023655, ABIN3023656 and ABIN6214092) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



### **Immunofluorescence**

**Image 2.** Immunofluorescence analysis of HeLa cell using TLR1 antibody. Blue: DAPI for nuclear staining.



### **Western Blotting**

**Image 3.** Western blot analysis of extracts of various cell lines, using TLR1 antibody.

Please check the product details page for more images. Overall 9 images are available for ABIN3023655.