

## Rabbit anti-Human, Mouse TLR7 Polyclonal Antibody | anti-TLR7 antibody

TLR7 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                             |
|-----------|--------|--------------|------------------------------------------|
| AAA306388 | Rabbit | Human, Mouse | Immunocytochemistry, Western Blot, ELISA |

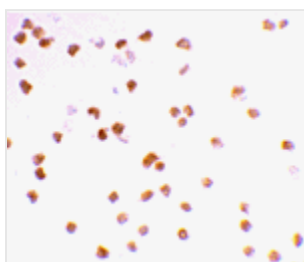
### PRODUCT SYNONYMS

TLR7; Polyclonal Antibody; TLR7 Antibody; anti-TLR7 antibody

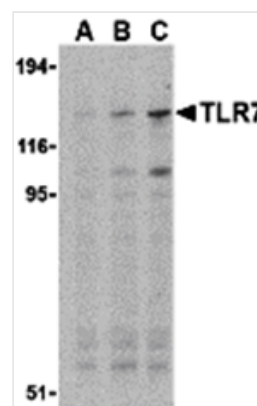
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                 |
| Reactivity                                     | Human, Mouse                                                                                                                                                                                           |
| Clonality                                      | Polyclonal                                                                                                                                                                                             |
| Purity/Purification                            | Ion exchange chromatography purified                                                                                                                                                                   |
| Form/Format                                    | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                         |
| Sequence Length                                | 1050                                                                                                                                                                                                   |
| Applicable Applications for anti-TLR7 antibody | ICC (Immunocytochemistry), WB (Western Blot), ELISA                                                                                                                                                    |
| Immunogen Type                                 | Peptide                                                                                                                                                                                                |
| Immunogen Description                          | Raised against a peptide corresponding to 14 amino acids near the middle of mouse TLR7.                                                                                                                |
| Target Name                                    | TLR7                                                                                                                                                                                                   |
| Preparation and Storage                        | Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

### IMAGES


**ICC (Immunocytochemistry)**

Immunocytochemistry staining of Daudi cells using TLR7 antibody at 2 ug/mL.


**WB (Western Blot)**

Western blot analysis of TLR7 in Daudi cell lysates with TLR7 antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TLR7 antibody | Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors. TLR7, like TLRs 3, 8, and 9, is localized in intracellular acidic compartments such as the phagolysosome and will recognize some single-stranded RNA viruses such as vesicular stomatitis virus (VSV) and influenza virus. Activation of TLR7 by VSV results in stimulation of the immune response including IFNalpha secretion, suggesting the importance of TLR7 in virus recognition. |
| Product Categories/Family for anti-TLR7 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 18875360                       |
| NCBI GeneID                      | 170743                         |
| NCBI Accession #                 | NP_573474                      |
| NCBI GenBank Nucleotide #        | NM_133211.4                    |
| Molecular Weight                 | 121,837 Da                     |
| NCBI Official Full Name          | toll-like receptor 7 isoform a |
| NCBI Official Synonym Full Names | toll-like receptor 7           |
| NCBI Official Symbol             | Tlr7                           |
| NCBI Protein Information         | toll-like receptor 7           |
| UniProt Protein Name             | Toll-like receptor 7           |
| UniProt Gene Name                | Tlr7                           |
| UniProt Entry Name               | TLR7_MOUSE                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tlr7-antibody-immunocytochemistry-western-blot-elisa/306388>