

## Rabbit anti-Human TLR4 Polyclonal Antibody | anti-TLR4 antibody

TLR4 Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA305989</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

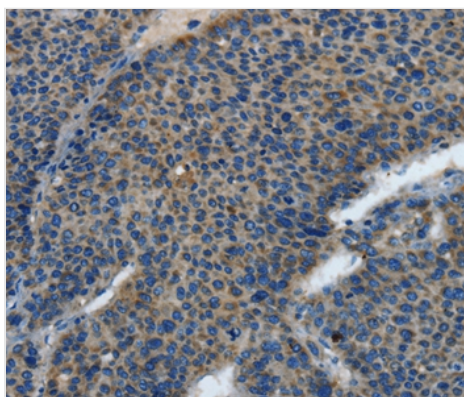
### PRODUCT SYNONYMS

TLR4; Polyclonal Antibody; TLR4 Antibody; TOLL; CD284; TLR-4; ARMD10; anti-TLR4 antibody

### PRODUCT SPECIFICATIONS

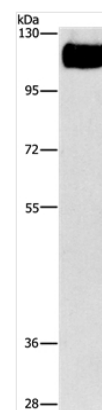
|                                                |                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                |
| Reactivity                                     | Human                                                                                                 |
| Clonality                                      | Polyclonal                                                                                            |
| Specificity                                    | The antibody detects endogenous levels of total TLR4 protein.                                         |
| Purity/Purification                            | Antigen affinity purification.                                                                        |
| Form/Format                                    | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                       |
| Concentration                                  | 1.1 mg/ml (varies by lot)                                                                             |
| Sequence Length                                | 799                                                                                                   |
| Applicable Applications for anti-TLR4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                         |
| Immunogen Type                                 | Recombinant Protein                                                                                   |
| Immunogen Description                          | Fusion protein corresponding to a region derived from internal residues of human toll-like receptor 4 |
| Target Name                                    | TLR4                                                                                                  |
| Preparation and Storage                        | Store at -20 degree C                                                                                 |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/25.



#### Application Data

Gel: 6%SDS-PAGE Lysate: 60ug K562 cell Primary antibody: 1/550 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

## ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TLR4 antibody | 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 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 has been implicated in signal transduction events induced by lipopolysaccharide (LPS) found in most gram-negative bacteria. Mutations in this gene have been associated with differences in LPS responsiveness. Multiple transcript variants encoding different isoforms have been found for this gene. |
| Product Categories/Family for anti-TLR4 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4507533                                                                                        |
| NCBI GeneID                      | 7099                                                                                           |
| NCBI Accession #                 | NP_003257.1                                                                                    |
| NCBI GenBank Nucleotide #        | NM_003266.3                                                                                    |
| UniProt Accession #              | O00206; Q5VZI8; Q5VZI9; Q9UK78; Q9UM57; A8K1Y8; A9XLP9; A9XLQ0; A9XLQ1; B4E194; D1CS52; D1CS53 |
| Molecular Weight                 | 73,301 Da                                                                                      |
| NCBI Official Full Name          | toll-like receptor 4 isoform C                                                                 |
| NCBI Official Synonym Full Names | toll-like receptor 4                                                                           |
| NCBI Official Symbol             | TLR4                                                                                           |
| NCBI Official Synonym Symbols    | TOLL; CD284; TLR-4; ARMD10                                                                     |
| NCBI Protein Information         | toll-like receptor 4                                                                           |
| UniProt Protein Name             | Toll-like receptor 4                                                                           |
| UniProt Gene Name                | <b>TLR4</b>                                                                                    |
| UniProt Entry Name               | TLR4_HUMAN                                                                                     |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/tlr4-antibody-immunohistochemistry-western-blot-elisa/305989>