

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

TIRAP Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA40312  | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

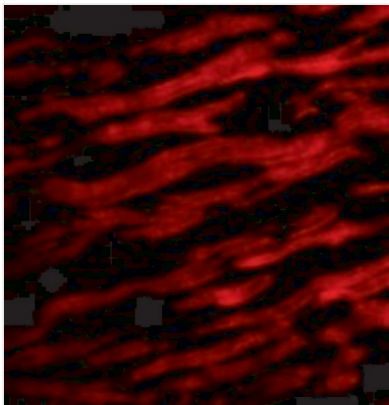
### PRODUCT SYNONYMS

TIRAP; Polyclonal Antibody; TIRAP Antibody; Mal; wyatt; BACTS1; MyD88-2; MAL; Adaptor protein Wyatt; TIR domain-containing adapter protein; toll-interleukin 1 receptor (TIR) domain containing adaptor protein; anti-TIRAP antibody

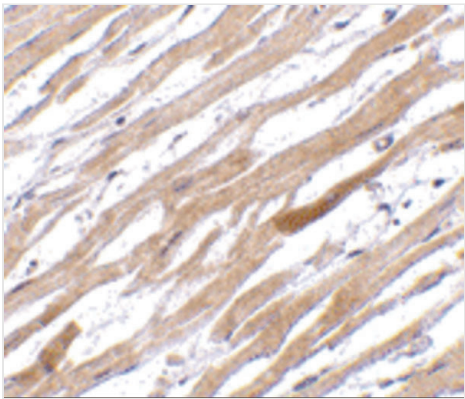
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                             |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                      |
| Reactivity                                      | Human                                                                                                                                                                                                                                                       |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                  |
| Isotype                                         | IgG                                                                                                                                                                                                                                                         |
| Purity/Purification                             | TIRAP Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                                      |
| Concentration                                   | 1 mg/mL (varies by lot)                                                                                                                                                                                                                                     |
| Sequence Length                                 | 235                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-TIRAP antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                               |
| Conjugate                                       | Unconjugated                                                                                                                                                                                                                                                |
| Immunogen                                       | TIRAP antibody was raised against a peptide corresponding to amino acids near the middle of human TIRAP.                                                                                                                                                    |
| Buffer                                          | TIRAP Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                            |
| Preparation and Storage                         | TIRAP antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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. |

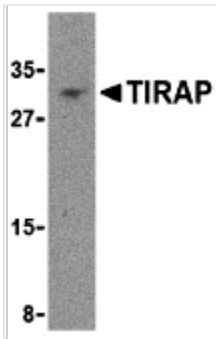
IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence of TIRAP in Human Heart cells with TIRAP antibody at 20 &#956;g/mL.



**IHC (Immunohiostchemistry)**  
Immunohistochemistry of TIRAP in human heart tissue with TIRAP antibody at 20 &#956;g/mL.



**WB (Western Blot)**  
Western blot analysis of TIRAP in MCF-7 cell lysate with TIRAP antibody at 4 &#956;g/mL.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TIRAP antibody | TIRAP 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 TIRAP and MyD88 to activate various kinases and transcription factors. In TIRAP-deficient mice, TLR signaling in response to TLR2 ligands (using either TLR1 and TLR6 as co-receptors) is totally abolished, suggesting that MyD88 and TIRAP work together and are both required for TLR2 signaling. Furthermore, these mice are also resistant to the toxic effects of LPS and show defects in NF-?B and MAP kinase activation, suggesting that TIRAP is also involed in TLR4 signaling. |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 15705407                                                                                                                                                                    |
| NCBI GeneID                      | 114609                                                                                                                                                                      |
| UniProt Accession #              | P58753; Q56UH9; Q56UI0; Q8N5E5; B3KW65                                                                                                                                      |
| Molecular Weight                 | 27,948 Da                                                                                                                                                                   |
| NCBI Official Full Name          | TIR domain containing adaptor protein TIRAP                                                                                                                                 |
| NCBI Official Synonym Full Names | toll-interleukin 1 receptor (TIR) domain containing adaptor protein                                                                                                         |
| NCBI Official Symbol             | TIRAP                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | Mal; wyatt; BACTS1; MyD88-2                                                                                                                                                 |
| NCBI Protein Information         | toll/interleukin-1 receptor domain-containing adapter protein; adapter protein wyatt; adaptor protein Wyatt; MyD88 adapter-like protein; Toll-like receptor adaptor protein |

|                            |                                                               |
|----------------------------|---------------------------------------------------------------|
| UniProt Protein Name       | Toll/interleukin-1 receptor domain-containing adapter protein |
| UniProt Gene Name          | <b>TIRAP</b>                                                  |
| UniProt Synonym Gene Names | MAL; TIR domain-containing adapter protein; MyD88-2           |
| UniProt Entry Name         | TIRAP_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tirap-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40312>