

# Anti-TIRAP Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P104263

## Product Information

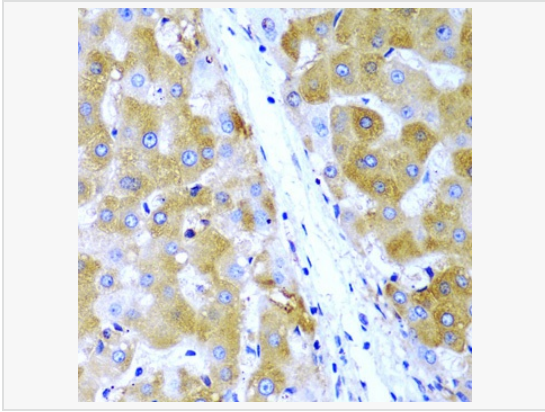
|             |   |
|-------------|---|
| Application | IHC-P/IF (Tissue-P), ELISA  |
| Reactivity  | Human   |
| Dilution    | IHC-P 1:50~1:200  |
| Host        | Rabbit  |
| Clonality   | Polyclonal  |
| Isotype     | IgG   |
| Label       | Unconjugated  |
| Immunogen   | Recombinant fusion protein containing a sequence corresponding to amino acids 1-221 of human TIRAP (NP_001034750.1).        |
| Format      | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.                     |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-TIRAP Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.                     |

## Protein Information

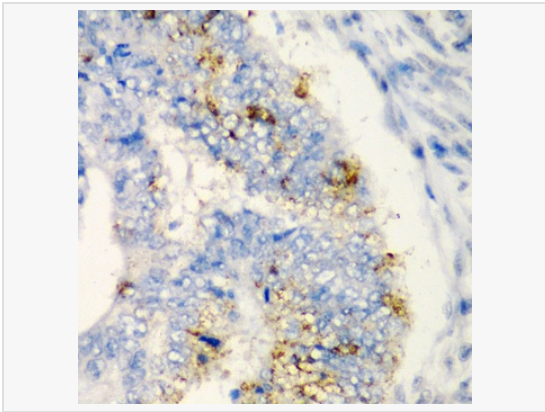
|               |   |
|---------------|---|
| Synonyms      | Mal; wyatt; BACTS1; MyD88-2; TIRAP.   |
| Calculated MW | Calculated MW: 24 kDa   |
| Uniprot ID    | P58753  |
| Gene ID       | 114609  |
| Background    | The innate immune system recognizes microbial pathogens through Toll-like receptors (TLRs), which identify pathogen-associated molecular patterns. Different TLRs recognize different pathogen-associated molecular patterns and all TLRs have a Toll-interleukin 1 receptor (TIR) domain, which is responsible for signal transduction. The protein encoded by this gene is a TIR adaptor protein involved in the TLR4 signaling pathway of the immune system. It activates NF-kappa-B, MAPK1, MAPK3 and JNK, which then results in cytokine secretion and the inflammatory response. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described. |

## Validation Images

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Immunohistochemistry analysis of paraffin-embedded Human liver cancer using TIRAP Rabbit pAb (P104263) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using TIRAP Rabbit pAb (P104263) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.