

## TIRAP

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 23kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human TIRAP

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

s

**Synonym:**

Mal; wyatt; BACTS1; MyD88-2;

**Catalog #:** A1943

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 114609

**Isotype:** IgG

**Swiss Prot:** P58753

**Purity:** Affinity purification

For research use only.

**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.

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