

# TIRAP Rabbit pAb

Catalog No.: A12606 **3 Publications**

## Basic Information

**Observed MW**

32kDa

**Calculated MW**

23kDa/25kDa/27kDa

**Category**

Primary antibody

**Applications**

WB,IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:2000**IF/ICC** 1:50 - 1:200

## Immunogen Information

**Gene ID**

114609

**Swiss Prot**

P58753

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-221 of human TIRAP (NP\_001034750.1).

**Synonyms**

TIRAP;BACTS1;Mal;MyD88-2;wyatt

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

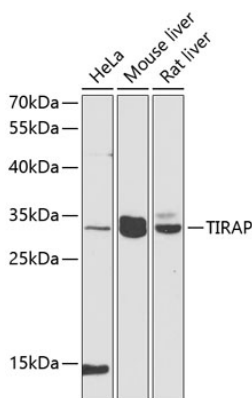
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using TIRAP antibody (A12606) at 1:1000 dilution.

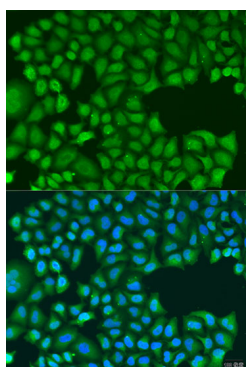
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using TIRAP antibody (A12606) at dilution of 1:100. Blue: DAPI for nuclear staining.