

TIRAP Rabbit Polyclonal Antibody



CAB12606

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

32kDa

Calculated MW:

23kDa/25kDa/27kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

114609

Uniprot

P58753

Synonyms:

TIRAP; BACTS1; Mal; MyD88-2; wyatt

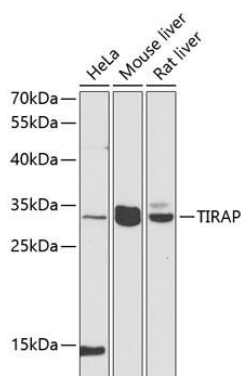
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-221 of human TIRAP (NP_001034750.1).

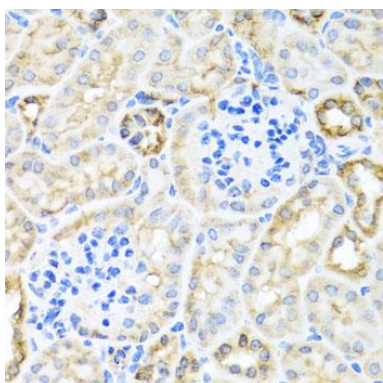
Storage:

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

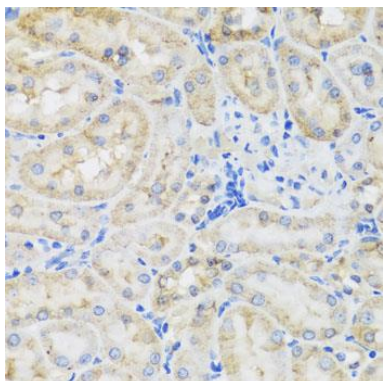
Product Images



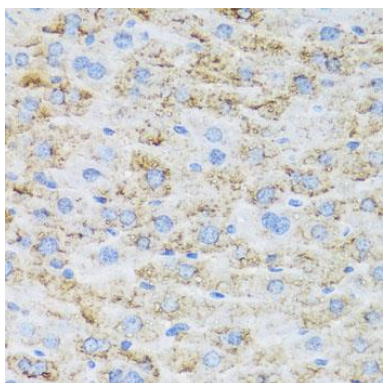
Western blot analysis of extracts of various cell lines, using TIRAP antibody (CAB12606) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded mouse kidney using TIRAP antibody (CAB12606) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat kidney using TIRAP antibody (CAB12606) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using TIRAP antibody (CAB12606) at dilution of 1:100 (40x lens).