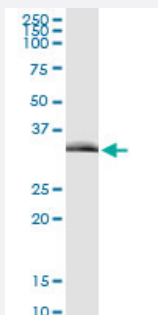


TIRAP (Human) IP-WB Antibody Pair

Catalog # H00114609-PW1

Size 1 Set

Applications



Immunoprecipitation of TIRAP transfected lysate using rabbit polyclonal anti-TIRAP and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-TIRAP.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of TIRAP transfected lysate using rabbit polyclonal anti-TIRAP and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-TIRAP.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-TIRAP (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-TIRAP (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — TIRAP

Entrez GeneID [114609](#)

Gene Name TIRAP

Gene Alias FLJ42305, Mal, wyatt

Gene Description toll-interleukin 1 receptor (TIR) domain containing adaptor protein

Omim ID [606252](#) [607948](#) [610799](#) [611162](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

MyD88 adapter-like protein|OTTHUMP00000179130|OTTHUMP00000179132|TIR domain-containing adapter protein|TIR domain-containing adaptor protein|Toll-interleukin 1 receptor (TIR) domain-containing adapter protein|Toll-interleukin 1 receptor (TIR) domain-containing

Pathway

- [Toll-like receptor signaling pathway](#)

Disease

- [Acute Lung Injury](#)
- [Bacteriuria](#)
- [Candidiasis](#)
- [Cardiovascular Diseases](#)
- [Chagas Cardiomyopathy](#)
- [Chronic Disease](#)
- [Cross Infection](#)

- [Cystitis](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Inflammation](#)
- [Leprosy](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Pneumonia](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pyelonephritis](#)
- [Respiratory Distress Syndrome](#)
- [Sepsis](#)
- [Tuberculosis](#)
- [Urinary Tract Infections](#)