

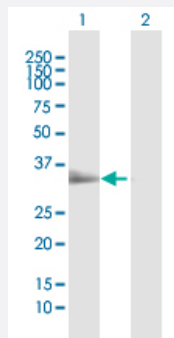
MaxPab®

TIRAP MaxPab rabbit polyclonal antibody (D01)

Catalog # H00114609-D01

Size 100 uL

Applications

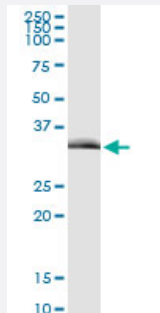


Western Blot (Transfected lysate)

Western Blot analysis of TIRAP expression in transfected 293T cell line ([H00114609-T01](#)) by TIRAP MaxPab polyclonal antibody.

Lane 1: TIRAP transfected lysate(28.27 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of TIRAP transfected lysate using anti-TIRAP MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TIRAP MaxPab mouse polyclonal antibody (B01) ([H00114609-B01](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TIRAP protein.
Immunogen	TIRAP (AAH32474.1, 1 a.a. ~ 256 a.a) full-length human protein.
Sequence	MASSTSLPAPGSRPKKPLGKMADWFRQTLLKKPKKRPNSPESTSSDASQPTSQDSPLPPSLSS VTSPSLPPTHASDSGSSRWSKDYDVCVCHSEEDLVAAQDLVSYLEGSTASLRCFLQLRDATPG GAIVSELCAALSSSHCRVLLITPGFLQDPWCKYQMLQALTEAPGAEGCTIPLLSGLSRAAYPPELR FMYVDGRGPDGGFRQVKEAVMRYLQTLWSHLLYHGTPEIGVKLETENPCRASDSHKCDKRYRE
Host	Rabbit
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of TIRAP transfected lysate using anti-TIRAP MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TIRAP MaxPab mouse polyclonal antibody (B01) ([H00114609-B01](#)).

[Protocol Download](#)

Gene Info — TIRAP

Entrez GeneID	114609
GeneBank Accession#	BC032474
Protein Accession#	AAH32474.1
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

Publication Reference

- [Phosphatidylinositol 4-Phosphate 5-Kinase \$\alpha\$ Facilitates Toll-like Receptor 4-mediated Microglial Inflammation through Regulation of the Toll/Interleukin-1 Receptor Domain-containing Adaptor Protein \(TIRAP\) Location.](#)

Nguyen TT, Kim YM, Kim TD, Le OT, Kim JJ, Kang HC, Hasegawa H, Kanaho Y, Jou I, Lee SY.

The Journal of Biological Chemistry 2013 Feb; 288(8):5645.

Application: WB-Ce, Human, HeLa cells

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](#)