BT LAB
Bioassay Technology Laboratory
Optimize Your Research

TIRAP(Phospho Tyr86) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14989
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TIRAP around the phosphorylation site of Tyr86. AA range:52-101
Mol wt	23883
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Toll/interleukin-1 receptor domain-containing adapter protein
Synonyms	Toll/interleukin-1 receptor domain-containing adapter protein; TIRAP; MAL; Toll/interleukin-1 receptor domain-containing adapter protein; TIR domain-containing adapter protein; Adaptor protein Wyatt; MyD88 adapter-like protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

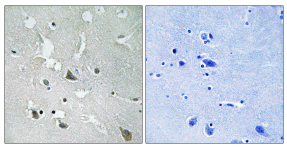
Recommended Dilution

IHC-p: 1: 100 - 1: 300

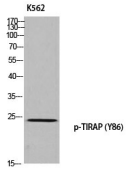
ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain, using TIRAP (Phospho-Tyr86) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of K562 using p-TIRAP (Y86) antibody.

Storage

-20°C for 1 year

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