

TIRAP (phospho Tyr86) rabbit pAb**Cat#: orb767519 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	TIRAP (phospho Tyr86) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TIRAP around the phosphorylation site of Tyr86. AA range:52-101
Specificity	Phospho-TIRAP (Y86) Polyclonal Antibody detects endogenous levels of TIRAP protein only when phosphorylated at Y86.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Toll/interleukin-1 receptor domain-containing adapter protein
Gene Name	TIRAP
Cellular localization	Cytoplasm . Cell membrane . Membrane . Colocalizes with DAB2IP at the plasma membrane.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration 1 mg/ml

Observed band

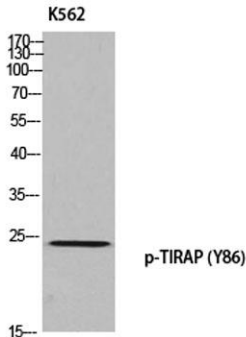
Human Gene ID 114609

Human Swiss-Prot Number P58753

Alternative Names TIRAP; MAL; Toll/interleukin-1 receptor domain-containing adapter protein; TIR domain-containing adapter protein; Adaptor protein Wyatt; MyD88 adapter-like protein

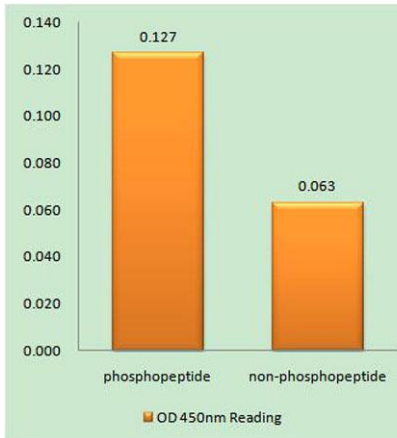
Background

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. [provided by RefSeq, Jul 2008],

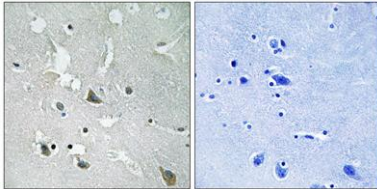


Western blot analysis of K562 using p-TIRAP (Y86) antibody.

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Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using TIRAP (Phospho-Tyr86) Antibody



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