



## Rabbit Anti-phospho-TIRAP (Tyr86) antibody

SL7562R

<b>Product Name:</b>	phospho-TIRAP (Tyr86)
<b>Chinese Name:</b>	磷酸化白细胞介素1受体衔接蛋白抗体
<b>Alias:</b>	TIRAP (phospho Y86); Adapter protein wyatt; MAL antibody MyD88 adapter like protein; TIR domain containing adapter protein; Toll interleukin 1 receptor (TIR) domain containing adaptor protein; Toll interleukin 1 receptor domain containing adapter protein; Toll like receptor adaptor protein; Wyatt.
<b>文献引用</b> <b>PubMed</b> :	<b>Specific References(1)</b>  SL7562R has been referenced in 1 publications. [IF=4.52]Rolf, Nina, et al. "Heterodimer-specific TLR2 stimulation results in divergent functional outcomes in B-cell precursor acute lymphoblastic leukemia."European journal of immunology (2015). <b>Human</b> . <a href="#">PubMed:25867213</a>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Dog,Pig,Cow,Horse,Guinea Pig,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	24kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated Synthesised phosphopeptide derived from human TIRAP around the acetylation site of Tyr86:KD(p-Y)DV
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A

<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The Toll-like receptor (TLR) family in mammals comprises a family of transmembrane proteins characterized by multiple copies of leucine rich repeats in the extracellular domain and IL-1 receptor motif in the cytoplasmic domain. Like its counterparts in Drosophila, TLRs signal through adaptor molecules. The TLR family is a phylogenetically conserved mediator of innate immunity that is essential for microbial recognition. Ten human homologs of TLRs (TLR1-10) have been described. TIRAP (TIR domain-containing adaptor protein) is an adaptor protein used by TLR4. Blocking TIRAP inhibits TLR4-mediated signaling events, including DC maturation and cytokine production.</p> <p><b>Function:</b> Adapter involved in TLR2 and TLR4 signaling pathways in the innate immune response. Acts via IRAK2 and TRAF-6, leading to the activation of NF-kappa-B, MAPK1, MAPK3 and JNK, and resulting in cytokine secretion and the inflammatory response. Positively regulates the production of TNF-alpha and interleukin-6.</p> <p><b>Subunit:</b> Homodimer. Also forms heterodimers with MyD88. Binds to TLR4 and IRAK2 via their respective TIR domains. Binds to BMX, PKR and TBK1. Does not interact with IRAK1, nor TLR9.</p> <p><b>Subcellular Location:</b> Cytoplasm.</p> <p><b>Tissue Specificity:</b> Highly expressed in liver, kidney, spleen, skeletal muscle and heart. Also detected in peripheral blood leukocytes, lung, placenta, small intestine, thymus, colon and brain.</p> <p><b>Post-translational modifications:</b> Phosphorylated by IRAK1 and IRAK4. Also phosphorylated by BTK. Polyubiquitinated. Polyubiquitination follows phosphorylation by BTK and leads to TIRAP degradation.</p> <p><b>Similarity:</b> Contains 1 TIR domain.</p> <p><b>SWISS:</b> P58753</p> <p><b>Gene ID:</b></p>

114609

**Database links:**

[Entrez Gene: 114609](#)Human

[Entrez Gene: 117149](#)Mouse

[Entrez Gene: 680127](#)Rat

[GenBank: AF378129](#)Human

[GenBank: AF378130](#)Human

[Omim: 606252](#)Human

[SwissProt: P58753](#)Human

[SwissProt: Q99JY1](#)Mouse

[Unigene: 537126](#)Human

[Unigene: 23987](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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