9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

TIRAP polyclonal antibody

Catalog Number: PAB9723

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of TIRAP.

Immunogen: A synthetic peptide corresponding to internal region of human TIRAP.

Host: Rabbit

Reactivity: Human

Applications: WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.02% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 114609

Gene Symbol: TIRAP

Gene Alias: FLJ42305, Mal, wyatt

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]

References:

1. TLRs: differential adapter utilization by toll-like receptors mediates TLR-specific patterns of gene expression. Vogel SN, Fitzgerald KA, Fenton MJ. Mol Interv. 2003 Dec;3(8):466-77.
2. Toll-like receptors. Takeda K, Kaisho T, Akira S. Annu Rev Immunol. 2003;21:335-76. Epub 2001 Dec 19.