

A1943

Leader in Biomolecular Solutions for Life Science



TIRAP Rabbit pAb

Catalog No.: A1943

Basic Information

Observed MW

Calculated MW

24kDa

Category

Polyclonal Antibody

Applications

IHC-P, ELISA

Cross-Reactivity

Human

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 Dilutions

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

114609

Swiss Prot

P58753

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Mal; wyatt; BACTS1; MyD88-2; TIRAP

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

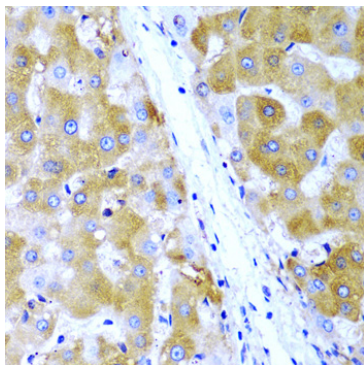
Affinity purification

Storage

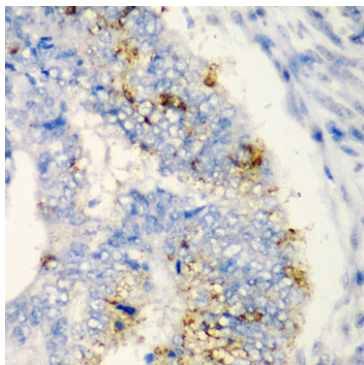
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using TIRAP Rabbit pAb (A1943) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using TIRAP Rabbit pAb (A1943) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.