abcam

Product datasheet

Anti-TIRAP antibody ab17218

★★★★★ **2 Abreviews**   **13 References**   2 图像

概述

产品名称	Anti-TIRAP抗体
描述	兔多克隆抗体to TIRAP
宿主	Rabbit
经测试应用	**适用于:** WB, ICC/IF, IHC-P
种属反应性	**与反应:** Mouse, Rat, Human
	预测可用于: Rhesus monkey ⚠
免疫原	Synthetic peptide. 15 amino acids near the C-terminus of mouse TIRAP (GenBank accession no.AAL05628).

常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
纯化说明	ab17218 is purified by ion exchange chromatography. TIRAP Antibody is affinity chromatography purified via peptide column.
克隆	多克隆
同种型	IgG

应用

"应用说明"部分 下显示的仅为**推荐的起始稀释度**;实际**最佳的稀释度/浓度**应**由使用者检定。**

| 应用	Ab评论	说明
WB		Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 34 kDa.
ICC/IF	★★★★☆ (1)	Use a concentration of 10 µg/ml.
IHC-P	★★★★★ (1)	Use a concentration of 2 µg/ml.

靶标

相关性

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. Function: 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. Tissue specificity: Highly expressed in liver, kidney, spleen, skeletal muscle and heart. Also detected in peripheral blood leukocytes, lung, placenta, small intestine, thymus, colon and brain. Post-translational modification: Phosphorylated by IRAK1 and IRAK4. Also phosphorylated by BTK. Sequence similarities: Contains 1 TIR domain.
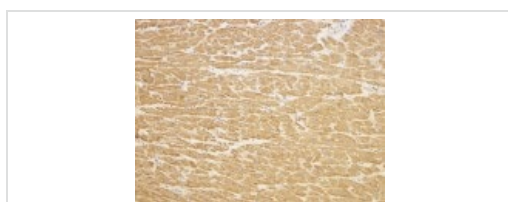
细胞定位　　　Cytoplasmic

图片
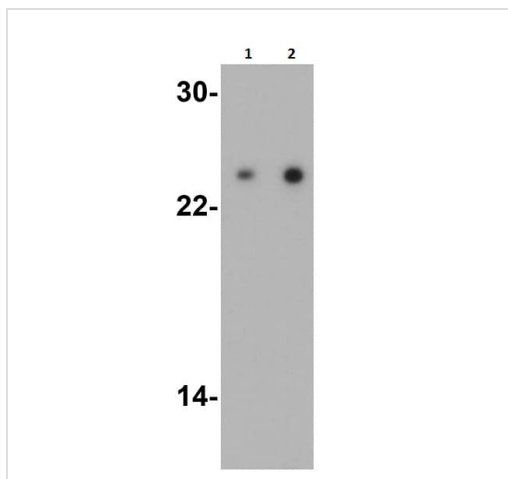
Western Blot of human heart lysate labeling TIRAP with Anti-TIRAP antibody (ab17218) at (1) 1 and (2) 2μg/ml.

Western blot - Anti-TIRAP antibody (ab17218)

ab17218 at 2μg/ml staining TIRAP in human heart cells by IHC

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TIRAP antibody (ab17218)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

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