

Anti-TRAP/CD40L antibody ab65854

★★★★★ [2 Abreviews](#) [12 References](#) [3 图像](#)

概述

产品名称	Anti-TRAP/CD40L抗体
描述	兔多克隆抗体to TRAP/CD40L
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Rat, Human 预测可用于: Mouse 
免疫原	Synthetic peptide corresponding to Human TRAP/CD40L (N terminal). Different from the relative mouse sequence by two amino acids Database link: P29965
阳性对照	IHC-P: Rat intestine, human mammary tissues. WB: MCF-7, HeLa, Jurkat, HMY2, COLO320 whole cell lysate.
常规说明	<p>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.</p> <p>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</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab65854于以下的经测试应用

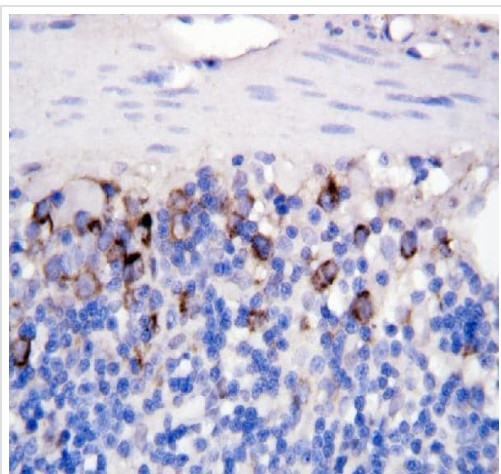
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (1)	Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 32 kDa (predicted molecular weight: 29 kDa).

靶标

功能	Mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL-4. Involved in immunoglobulin class switching. Release of soluble CD40L from platelets is partially regulated by GP IIb/IIIa, actin polymerization, and an matrix metalloproteinases (MMP) inhibitor-sensitive pathway.
组织特异性	Specifically expressed on activated CD4+ T-lymphocytes.
疾病相关	Defects in CD40LG are the cause of X-linked immunodeficiency with hyper-IgM type 1 (HIGM1) [MIM:308230]; also known as X-linked hyper IgM syndrome (XHIM). HIGM1 is an immunoglobulin isotype switch defect characterized by elevated concentrations of serum IgM and decreased amounts of all other isotypes. Affected males present at an early age (usually within the first year of life) recurrent bacterial and opportunistic infections, including Pneumocystis carinii pneumonia and intractable diarrhea due to cryptosporidium infection. Despite substitution treatment with intravenous immunoglobulin, the overall prognosis is rather poor, with a death rate of about 10% before adolescence.
序列相似性	Belongs to the tumor necrosis factor family.
翻译后修饰	The soluble form derives from the membrane form by proteolytic processing. N-linked glycan is a mixture of high mannose and complex type. Glycan structure does not influence binding affinity to CD40. Not O-glycosylated.
细胞定位	Secreted and Cell membrane.

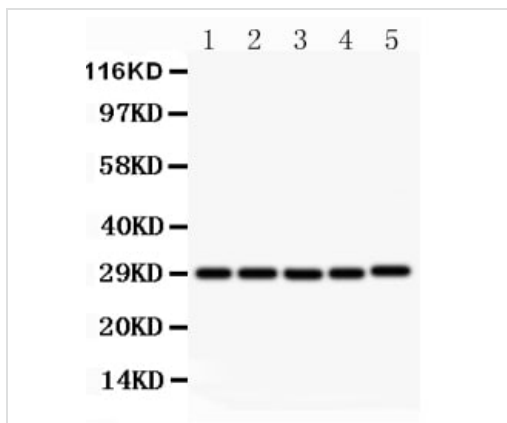
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRAP/CD40L antibody (ab65854)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of sCD40L using ab65854

TRAP/CD40L was detected in paraffin-embedded section of rat intestine tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/ml ab65854 overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex with DAB as the chromogen.



Western blot - Anti-TRAP/CD40L antibody (ab65854)

All lanes : Anti-TRAP/CD40L antibody (ab65854) at 0.5 µg/ml

Lane 1 : MCF-7 whole cell lysate

Lane 2 : HeLa whole cell lysate

Lane 3 : Jurkat whole cell lysate

Lane 4 : HMY2 whole cell lysate

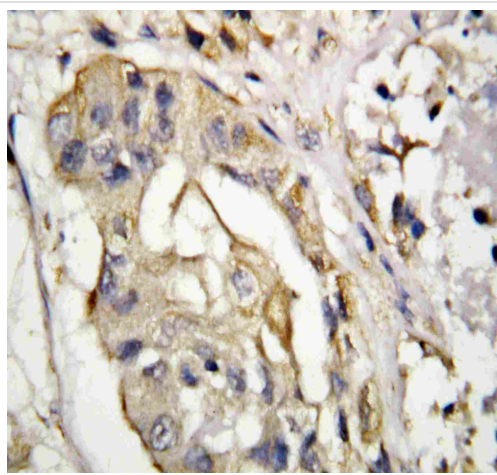
Lane 5 : COLO320 whole cell lysate

Lysates/proteins at 50 µg per lane.

Secondary

All lanes : Goat anti-rabbit IgG-HRP at 1/10000 dilution

Predicted band size: 29 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRAP/CD40L antibody (ab65854)

TRAP/CD40L was detected in paraffin-embedded section of human mammary tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 µg/ml ab65854 overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex with DAB as the chromogen.

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