abcam

Product datasheet

Anti-CSK antibody ab744

2 References　3 图像

概述

产品名称	Anti-CSK抗体
描述	山羊多克隆抗体to CSK
宿主	Goat
经测试应用	**适用于:** WB, IHC-P
种属反应性	**与反应:** Mouse, Human
	预测可用于: Cow, Dog　⚠
免疫原	Synthetic peptide corresponding to Human CSK aa 400 to the C-terminus (C terminal). Database link: **NP_004374.1**

          🔲 **Run BLAST with**　　🔲 **Run BLAST with**

阳性对照	Jurkat cell lysate, Human colon tissue.
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. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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。

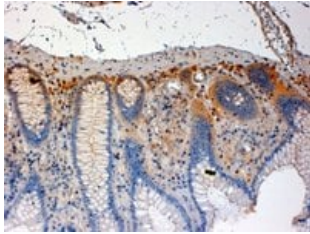| 应用	Ab评论	说明
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 52 kDa). 1 hour primary incubation is recommended for this product.
IHC-P		Use at an assay dependent concentration.

靶标

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功能	Specifically phosphorylates 'Tyr-504' on LCK, which acts as a negative regulatory site. Can also act on the LYN and FYN kinases.
组织特异性	Expressed in lung and macrophages.
序列相似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSK subfamily. Contains 1 protein kinase domain. Contains 1 SH2 domain. Contains 1 SH3 domain.
翻译后修饰	Autophosphorylation of Tyr-304 occurs only at abnormally high CSK concentrations in vitro.
细胞定位	Cytoplasm. Cell membrane. Mainly cytoplasmic, also present in lipid rafts.

图片
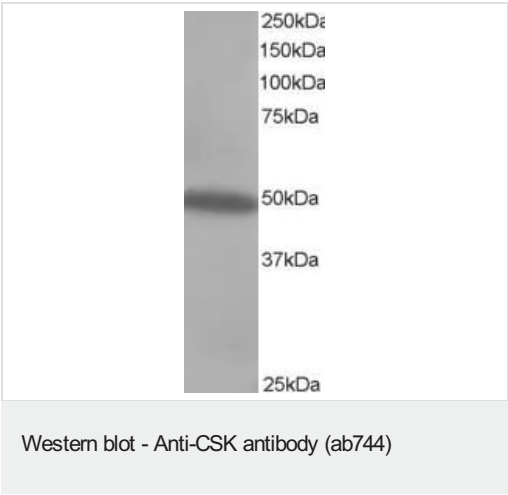
Western blot - Anti-CSK antibody (ab744)

ab744 staining (0.5µg/ml) of Jurkat lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence. ab744 staining (0.5µg/ml) of Jurkat lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

ab744 at 4µg/ml staining CSK in Human Colon by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.
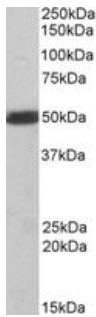
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CSK antibody (ab744)

Anti-CSK antibody (ab744) at 1 µg/ml + Mouse spleen lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 52 kDa

Western blot - Anti-CSK antibody (ab744)

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

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