


Anti-CKIP-1 antibody ab113663

[1 References](#) [2 图像](#)

概述

产品名称	Anti-CKIP-1抗体
描述	兔多克隆抗体to CKIP-1
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human CKIP-1 (C terminal) conjugated to keyhole limpet haemocyanin.
阳性对照	IHC-P: Human brain and cerebellum tissue. WB: Human lung tissue 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. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.4 Preservative: 0.02% Sodium azide Constituent: 99% PBS
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ab113663于以下的经测试应用

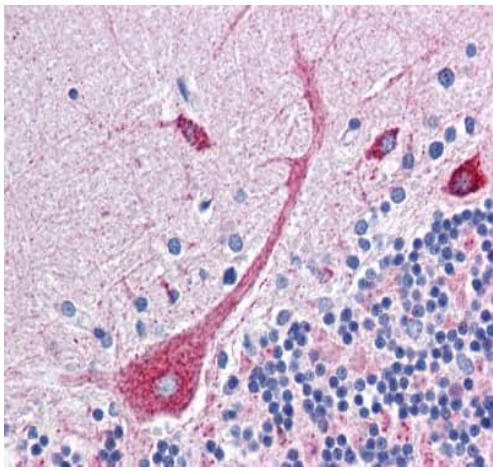
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 46 kDa.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

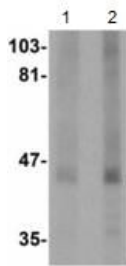
功能	Plays a role in the regulation of the actin cytoskeleton through its interactions with actin capping protein (CP). May function to target CK2 to the plasma membrane thereby serving as an adapter to facilitate the phosphorylation of CP by protein kinase 2 (CK2). Appears to target ATM to the plasma membrane. Appears to also inhibit tumor cell growth by inhibiting AKT-mediated cell-survival. Also implicated in PI3K-regulated muscle differentiation, the regulation of AP-1 activity (plasma membrane bound AP-1 regulator that translocates to the nucleus) and the promotion of apoptosis induced by tumor necrosis factor TNF. When bound to PKB, it inhibits it probably by decreasing PKB level of phosphorylation.
组织特异性	Abundantly expressed in skeletal muscle and heart, moderately in kidney, liver, brain and placenta and sparingly in the pancreas and lung. Easily detectable in cancer cell lines such as MOLT-4, HEK293 and Jurkat cells.
序列相似性	Contains 1 PH domain.
翻译后修饰	C-terminal fragments could be released during apoptosis via caspase-3-dependent cleavage.
细胞定位	Cell membrane. Nucleus. Cytoplasm. Predominantly localized to the plasma membrane. In C2C12 cells, with the absence of growth factor, it is found in the nucleus. It rapidly translocates to the plasma membrane after insulin stimulation. In response to TNF, it translocates from the plasma membrane to the cytoplasm and then to the nucleus accompanied by cleavage by caspase-3. However, the subcellular location is highly dependent of the cell type, and this explains why it is found exclusively at the plasma membrane, in some type of cells.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CKIP-1 antibody (ab113663)

Immunohistochemistry analysis of formalin-Fixed, paraffin-embedded human brain, cerebellum with ab113663 at 5 µg/ml.



Western blot - Anti-CKIP-1 antibody (ab113663)

Lane 1 : Anti-CKIP-1 antibody (ab113663) at 1 µg/ml

Lane 2 : Anti-CKIP-1 antibody (ab113663) at 2 µg/ml

All lanes : Human lung tissue lysate

Predicted band size: 46 kDa

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

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