


Anti-Kidins220 antibody ab97345

[1 References](#) [2 图像](#)

概述

产品名称	Anti-Kidins220抗体
描述	兔多克隆抗体to Kidins220
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: Rat 
免疫原	Synthetic peptide, corresponding to a region within amino acids 1706-1771 of Human Kidins220 (NP_065789).
阳性对照	293T, H1299, HeLaS3, HepG2, MOLT4, Raji cell lysates and SW480 xenograft.
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

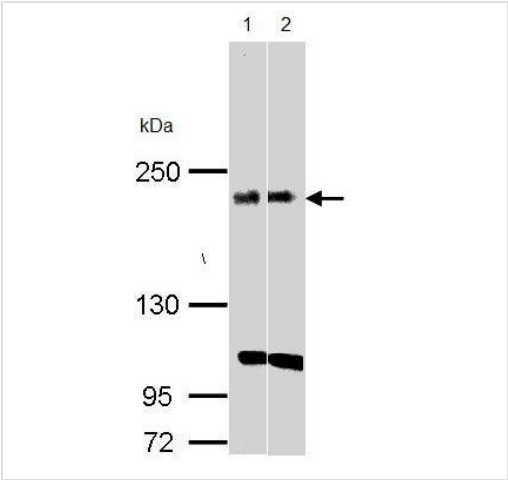
Abpromise™承诺保证使用ab97345于以下的经测试应用

“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		1/500 - 1/3000. Predicted molecular weight: 197 kDa.
IHC-P		1/100 - 1/500.

靶标	
功能	Promotes a prolonged MAP-kinase signaling by neurotrophins through activation of a Rap1-dependent mechanism. Provides a docking site for the CRKL-C3G complex, resulting in Rap1-dependent sustained ERK activation. May play an important role in regulating postsynaptic signal transduction through the syntrophin-mediated localization of receptor tyrosine kinases such as EPHA4. In cooperation with SNTA1 can enhance EPHA4-induced JAK/STAT activation. May play a role in neurotrophin- and ephrin-mediated neuronal outgrowth and in axon guidance during neural development and in neuronal regeneration (By similarity). Modulates stress-induced apoptosis of melanoma cells via regulation of the MEK/ERK signaling pathway.
组织特异性	Abundant in developing and adult neural tissues as well as neuroendocrine cells and dendritic cells. Overexpressed in melanoma and melanoma cell lines.
序列相似性	Contains 12 ANK repeats. Contains 1 KAP NTPase domain.
结构域	The transmembrane domain mediates interaction with NTRK1.
翻译后修饰	Tyrosine phosphorylated by NTRK1, NTRK2, EPHB2 and EPHA4. Phosphorylation at Ser-918 is induced by phorbol ester treatment. Phosphorylation by NTRK2 is induced by brain-derived neurotrophic factor (BDNF) and neurotrophin-4/5. Phosphorylation by NTRK1 is induced by nerve growth factor (NGF).
细胞定位	Membrane.

图片



Western blot - Anti-Kidins220 antibody (ab97345)

All lanes : Anti-Kidins220 antibody (ab97345) at 1/1000 dilution

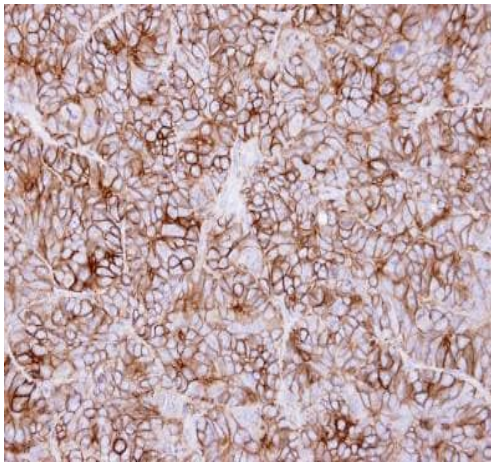
Lane 1 : H1299 whole cell lysate

Lane 2 : Raji whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 197 kDa

5% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Kidins220 antibody (ab97345)

ab97345 at 1/500 dilution staining Kidins220 in paraffin-embedded SW480 xenograft by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

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

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