


Anti-DAPK2 antibody [EP1633Y] ab51601

RabMAb[®]

★★★★★ [1 Abreviews](#) [4 References](#) [3 图像](#)

概述

产品名称	Anti-DAPK2抗体[EP1633Y]
描述	兔单克隆抗体[EP1633Y] to DAPK2
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P 不适用于: ICC/IF or IP
种属反应性	与反应: Rat, Human 预测可用于: Mouse 
免疫原	Synthetic peptide within Human DAPK2 aa 1-100 (N terminal). The exact sequence is proprietary. Database link: Q9UIK4
阳性对照	WB: Rat spleen lysate IHC-P: Human liver carcinoma. Flow Cyt (intra): HeLa cells.
常规说明	Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . 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

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Tissue culture supernatant

克隆	单克隆
克隆编号	EP1633Y
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab51601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。

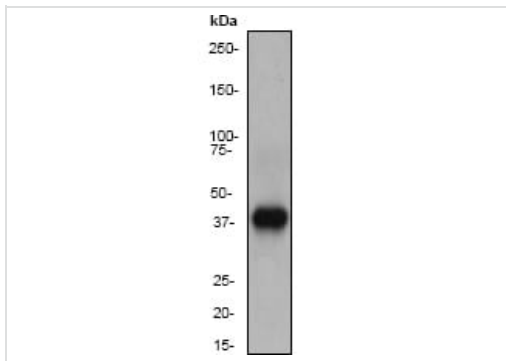
应用	Ab评论	说明
Flow Cyt (Intra)		1/1000. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 42 kDa (predicted molecular weight: 42 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

应用说明 Is unsuitable for ICC/IF or IP.

靶标

功能	Calcium/calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis.
组织特异性	Ubiquitously expressed in all tissue types examined. High levels in heart, lung and skeletal muscle.
序列相似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily. Contains 1 protein kinase domain.
细胞定位	Cytoplasm.

图片



Western blot - Anti-DAPK2 antibody [EP1633Y] (ab51601)

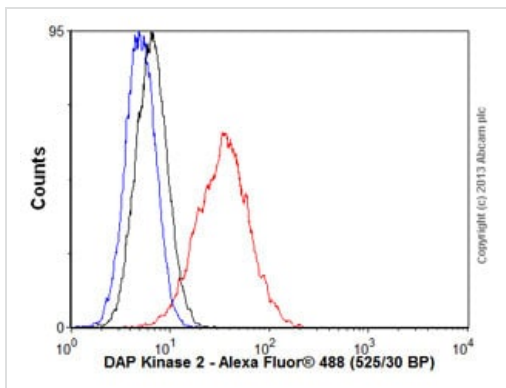
Anti-DAPK2 antibody [EP1633Y] (ab51601) at 1/2000 dilution +
Rat spleen lysate at 10 µg

Secondary

Goat anti-rabbit HRP at 1/2000 dilution

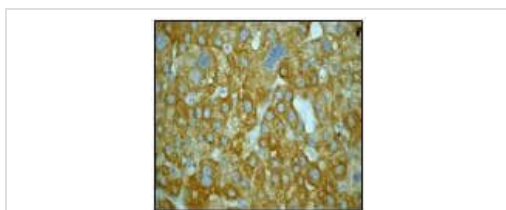
Predicted band size: 42 kDa

Observed band size: 42 kDa



Flow Cytometry (Intracellular) - Anti-DAPK2 antibody [EP1633Y] (ab51601)

Overlay histogram showing HeLa cells stained with ab51601 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab51601, 1/1000 dilution) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) ([ab150077](#)) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (0.1 µg/1x10⁶ cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter. This antibody gave a positive signal in HeLa cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DAPK2 antibody [EP1633Y] (ab51601)

Immunohistochemical staining of paraffin embedded human liver carcinoma using ab51601 (1/50). Secondary stained using Goat anti-rabbit HRP (1/2000).

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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