abcam

Product datasheet

Anti-KCNA3 (phospho Y135) antibody ab61105

1 图像

概述

产品名称	Anti-KCNA3 (phospho Y135)抗体
描述	兔多克隆抗体to KCNA3 (phospho Y135)
宿主	Rabbit
特异性	ab61105 detects endogenous levels of KCNA3 only when phosphorylated at tyrosine 135.
经测试应用	**适用于:** ICC/IF, ELISA
种属反应性	**与反应:** Human **预测可用于:** Mouse
免疫原	Synthetic phosphopeptide derived from human KCNA3 around the phosphorylation site of tyrosine 135 (R-F-Y^P-Q-L).
阳性对照	HuvEc cells

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	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
纯化说明	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee	Abpromise™承诺保证使用ab61105于以下的经测试应用

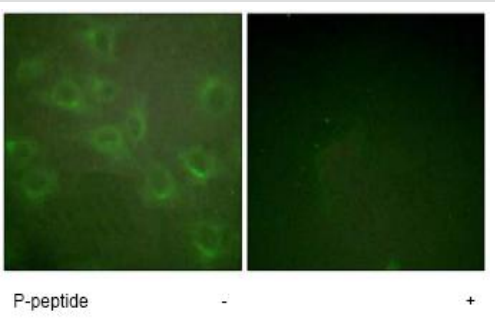
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/100 - 1/500.
ELISA		1/20000.

靶标

功能	Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.
序列相似性	Belongs to the potassium channel family. A (Shaker) (TC 1.A.1.2) subfamily. Kv1.3/KCNA3 sub-subfamily.
结构域	The N-terminus may be important in determining the rate of inactivation of the channel while the tail may play a role in modulation of channel activity and/or targeting of the channel to specific subcellular compartments. The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.
细胞定位	Membrane.

图片



Immunocytochemistry/ Immunofluorescence - Anti-KCNA3 (phospho Y135) antibody (ab61105)

Immunofluorescent staining of HuvEc cells, using ab61105 at a 1/100 dilution, minus immunising peptide (left image) and plus immunising peptide (right image).

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