abcam

Product datasheet

Anti-PP1C gamma antibody ab33622

概述

产品名称	Anti-PP1C gamma**抗体**
描述	鸡**多克隆抗体**to PP1C gamma
宿主	Chicken
经测试应用	**适用于:** ELISA
种属反应性	**与反应:** Human
免疫原	Protein Phosphatase 1 gamma 1 (PP1g1)

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.05% Sodium Azide Constituents: 40% Glycerol, Tris buffered saline, pH 7.4
纯度	Proprietary Purification
纯化说明	Al least 98% by SDS-PAGE. No contaminants detected. Single band by SDS-PAGE, IEP, and/or RID.
克隆	**多克隆**
同种型	IgY

应用

The Abpromise guarantee **Abpromise™承诺保证使用**ab33622**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
ELISA		Use at an assay dependent concentration. > 5000 assays/mg

靶标

功能	Protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. Involved in regulation of ionic conductances and long-term synaptic plasticity. May play an important role in dephosphorylating substrates such as the postsynaptic density-associated Ca(2+)/calmodulin dependent protein kinase II. Component of the PTW/PP1 phosphatase complex, which plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase.
序列相似性	Belongs to the PPP phosphatase family. PP-1 subfamily.
细胞定位	Cytoplasm. Nucleus. Nucleus > nucleolus. Nucleus > nucleoplasm. Nucleus speckle. Chromosome > centromere > kinetochore. Cleavage furrow. Midbody. Colocalizes with SPZ1 in the nucleus (By similarity). Rapidly exchanges between the nucleolar, nucleoplasmic and cytoplasmic compartments. Highly mobile in cells and can be relocalized through interaction with targeting subunits. In the presence of PPP1R8 relocalizes from the nucleolus to nuclear speckles. Shows a dynamic targeting to specific sites throughout the cell cycle. Highly concentrated in nucleoli of interphase cells and localizes at kinetochores early in mitosis. Relocalization to chromosome-containing regions occurs at the transition from early to late anaphase. Also accumulates at the cleavage furrow and midbody by telophase.

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