abcam

Product datasheet

Anti-PIP5KI gamma antibody [MAO-R1] ab109192

重组 RabMAb

2 References 1 图像

概述

产品名称	Anti-PIP5KI gamma抗体[MAO-R1]
描述	兔单克隆抗体[MAO-R1] to PIP5KI gamma
宿主	Rabbit
经测试应用	**适用于:** WB, IP **不适用于:** Flow Cyt,ICC or IHC-P
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Recombinant full length protein within Mouse PIP5KI gamma. The exact sequence is proprietary.
阳性对照	K562, Human fetal kidney, C6, Neuro-2a, and 293T cell lysates
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 This product is a recombinant rabbit monoclonal antibody.

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, 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	MAO-R1
同种型	IgG

应用

Our Abpromise guarantee covers the use of **ab109192** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 80-90 kDa (predicted molecular weight: 73 kDa).
IP		1/10 - 1/100.

应用说明 Is unsuitable for Flow Cyt,ICC or IHC-P.

靶标

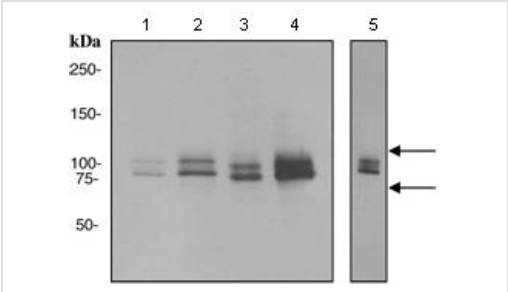
功能 Plays a role in membrane ruffling and assembly of clathrin-coated pits at the synapse. Mediates RAC1-dependent reorganization of actin filaments (By similarity). Participates in the biosynthesis of phosphatidylinositol-4,5-bisphosphate.

疾病相关 Defects in PIP5K1C are the cause of lethal congenital contracture syndrome type 3 (LCCS3) [MIM:611369]; also known as multiple contractural syndrome Israeli Bedouin type B. LCCS is an autosomal recessive disorder characterized by early fetal hydrops and akinesia, the Pena-Shokeir phenotype, specific neuropathology with degeneration of anterior horn neurons and extreme skeletal muscle atrophy. LCCS3 patients present at birth with severe multiple joint contractures with severe muscle wasting and atrophy, mainly in the legs. LCCS3 can be distinguished from the original LCCS by the absence of hydrops, fractures, and multiple pterygia.

序列相似性 Contains 1 PIPK domain.

细胞定位 Cell membrane. Cytoplasmic, associated with the plasma membrane. Detected in focal adhesion plaques, membrane ruffles and plasma membrane invaginations.

图片



Western blot - Anti-PIP5KI gamma antibody [MAO-R1] (ab109192)

All lanes : Anti-PIP5KI gamma antibody [MAO-R1] (ab109192) at 1/1000 dilution

Lane 1 : K562 cell lysate
Lane 2 : Human fetal kidney cell lysate
Lane 3 : C6 cell lysate
Lane 4 : Neuro-2a cell lysate
Lane 5 : 293T cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 73 kDa

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- We investigate all quality concerns to ensure our products perform to the highest standards

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