PLEKHA7 蛋白抗体

产品货号： mlR13730

英文名称： PLEKHA7

中文名称： PLEKHA7 蛋白抗体

别　　名： DKFZp686M22243; PH domain-containing family A member 7; PKHA7_HUMAN; Pleckstrin homology domain containing family A member 2; Pleckstrin homology domain-containing family A member 7; Plekha7.

研究领域： 肿瘤　细胞生物　细胞粘附分子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500（石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 127kDa

细胞定位： 细胞浆 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PLEKHA7:1001-1121/1121

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

PubMed： PubMed

产品介绍： PLEKHA7 (pleckstrin homology domain containing, family A member 7), also known as PH domain-containing family A member 7, is a 1,121 amino acid protein that contains one PH domain and two WW domains. Encoded by a gene that maps to human chromosome 11p15.1, PLEKHA7 exists as three alternatively spliced isoforms. Localizing to cell-cell junctions in Caco2 cells, PLEKHA7 interacts with the adherens junction protein p120 in human colon carcinoma cells. PLEKHA7 also colocalizes with zona adherens proteins and is necessary for zonula adherens biogenesis and maintenance. Associated with systolic blood pressure (SBP) and hypertension, PLEKHA7 is a potential target for the prevention or treatment of hypertension. PLEKHA7 is also linked to autoimmune hepatitis type 1, a chronic active hepatitis characterized by hypergammaglobulinemia and autoantibodies.

Function:

Required for zonula adherens biogenesis and maintenance. Acts via its interaction with KIAA1543/Nezha, which anchors microtubules at their minus-ends to zonula adherens, leading to recruit KIFC3 kinesin to junctional site.

Subcellular Location:

Cell junction > adherens junction. Cytoplasm. Cytoplasm > cytoskeleton > centrosome. Localizes to zonula adherens, recruited via its interaction with CTNND1.

Similarity:

Contains 1 PH domain.

Contains 2 WW domains.

SWISS:

Q6IQ23

Gene ID:

144100

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

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