

蛋白磷酸酶 2A-B55 α 抗体

产品货号： mlR7490

英文名称： PPP2R2A

中文名称： 蛋白磷酸酶 2A-B55 α 抗体

别 名： 2ABA_HUMAN; Alpha isoform of regulatory subunit B55 protein phosphatase 2; B55A; B55ALPHA; calcineurin; PP2A subunit B B alpha isoform; PP2A subunit B B55 alpha isoform; PP2A subunit B isoform alpha; PP2A subunit B isoform B55-alpha; PP2A subunit B isoform PR55-alpha; PP2A subunit B isoform R2-alpha; PP2A subunit B PR55 alpha isoform; PP2A subunit B R2 alpha isoform; PPP2R2A; PR52A; PR55A; Protein phosphatase 2 (formerly 2A) regulatory subunit B (PR 52) alpha isoform; Protein phosphatase 2 regulatory subunit B alpha; Protein phosphatase 2 regulatory subunit B alpha isoform; Serine/threonine protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform; Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform.

研究领域： 肿瘤 细胞生物 信号转导 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Rabbit, Sheep,

产品应用： 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： 52kDa

细胞定位： 细胞浆

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PPP2R2A:61-160/447

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 ° C 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 ° C.

PubMed： PubMed

产品介绍： The product of this gene belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an alpha isoform of the regulatory subunit B55 subfamily. Alternatively spliced transcript variants have been described. [provided by RefSeq, Apr 2010]

Function:

The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.

Subunit:

Found in a complex with at least ARL2, PPP2CB, PPP2R1A, PPP2R2A, PPP2R5E and TBCD. By similarity. PP2A consists of a common heterodimeric core enzyme, composed of a 36 kDa catalytic subunit (subunit C) and a 65 kDa constant regulatory subunit (PR65 or subunit A), that associates with a variety of regulatory subunits. Proteins that associate with the core dimer include three families of regulatory subunits B (the R2/B/PR55/B55, R3/B''/PR72/PR130/PR59 and R5/B'/B56 families), the 48 kDa variable regulatory subunit, viral proteins, and cell signaling molecules. Interacts with TP53.

Tissue Specificity:

Expressed in all tissues examined.

Similarity:

Belongs to the phosphatase 2A regulatory subunit B family.

Contains 7 WD repeats.

SWISS:

P63151

Gene ID:

5520

Important Note:

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