

ADP 核糖基化因子结合蛋白 2 抗体

产品货号： mlR1442

英文名称： Arfaptin 2

中文名称： ADP 核糖基化因子结合蛋白 2 抗体

别名： ARFIP2; arfaptin 2; ADP-ribosylation factor interacting protein 2; Partner of RAC1; POR1; ARFP2_HUMAN.

研究领域： 转运蛋白

抗体来源： **Rabbit**

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 38kDa

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 Arfaptin 2:221-341/341

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 : ARFIP2 is a ubiquitously expressed protein implicated in mediating cross talk between RAC and ARF small GTPases. It has been shown that ARFIP2 binds specifically to GTP-bound ARF1 and ARF6, but binds to Rac-GTP and Rac-GDP with similar affinities. The X-ray structure of arfaptin reveals an elongated, crescent-shaped dimer of 3-helix coiled-coils. Structures of arfaptin with Rac bound to either GDP or the slowly hydrolysable analog GMPPNP show that the switch regions adopt similar conformations in both complexes.

Function:

Putative target protein of ADP-ribosylation factor. Involved in membrane ruffling.

Subunit:

Interacts with RAC1 by binding directly to it. Specifically binds to GTP-bound ARF1 and ARF6, but binds to RAC1.GTP and RAC1.GDP with similar affinities. Directly interacts with ARL1 GTP-bound form; this interaction leads to a > 4-fold increase in the amount of ARL1-bound GTP at steady state level.

Similarity:

Contains 1 AH domain.

SWISS:

P53365



Gene ID:

23647

Important Note:

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

交换和转运 (Trafficking and Transport)