

ADP 核糖基化样因子 8B 抗体

产品货号： mIR20099

英文名称： ARL8B

中文名称： ADP 核糖基化样因子 8B 抗体

别名： ADP ribosylation factor like 10C; ADP-ribosylation factor-like protein 10C; ADP-ribosylation factor-like protein 8B; ARL10C; ARL8B; ARL8B_HUMAN; FLJ10702; Gie1; Novel small G protein indispensable for equal chromosome segregation 1.

研究领域： 细胞生物 细胞周期蛋白 细胞分化 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, Rabbit,

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： 22kDa

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 ARL8B:1-100/186

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 : ADP-ribosylation factors (ARFs) are highly conserved guanine nucleotide binding proteins that enhance the ADP-ribosyltransferase activity of Cholera Toxin. ARF' s are important in eukaryotic vesicular trafficking pathways and they play an essential role in the activation of phospholipase D (PC-PLD). ARL8B (ADP-ribosylation factor-like protein 8B), also known as ARL10C or GIE1, is a 186 amino acid protein that localizes to the late endosome membrane and belongs to the ARL family of ARF-like GTPase proteins. Expressed ubiquitously, ARL8A interacts with Tubulin and is thought to play a role in lysosome motility, as well as in chromosomal segregation. The gene encoding ARL8B maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci.

Function:

May play a role in lysosome motility (PubMed:16537643). May play a role in chromosome segregation (PubMed:15331635).

Subunit:

Interacts with tubulin.

Subcellular Location:

Late endosome membrane. Lysosome membrane. Cytoplasm, cytoskeleton, spindle.

Tissue Specificity:

Ubiquitously expressed.

Similarity:

Belongs to the small GTPase superfamily. Arf family.

SWISS:

Q9NVJ2

Gene ID:

55207

Important Note:

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