

PI3-Kinase p110 α (11A15) Rabbit Monoclonal Antibody



产品详情

产品货号	产品名称	储存条件	保质期
IM72028	PI3-Kinase p110 α (11A15) Rabbit Monoclonal Antibody	-20℃	1 年

产品概述:

产品货号	IM72028
别名	5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha; 5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPI3K; CLOVE;CWS5;MCAP;MCM;MCMTc;MGC142161;MGC142163;p110 alpha; p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 3 kinase catalytic 110 KD alpha; Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha isoform;Phosphatidylinositol 4,5 bisphosphate 3 kinase 110 kDa catalytic subunit alpha;Phosphatidylinositol-4; Phosphoinositide 3 kinase catalytic alpha polypeptide;PI 3 Kinase catalytic subunit alpha;PI3 kinase p110 subunit alpha;PI3-kinase subunit alpha;PI3K;PI3K-alpha;PI3KC A;PIK3C A;Pik3ca;PK3CA;PK3CA_ HUMAN;PtdIns 3 kinase p110;PtdIns-3-kinase subunit alpha;PtdIns- 3-kinase subunit p110-alpha;Serine/threonine protein kinase PIK3CA
产品名称	PI3-Kinase p110 α (11A15) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	PIK3CA

蛋白名称	5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha; 5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPI3K; CLOVE;CWS5;MCAP;MCM;MCMT;MGC142161;MGC142163;p110 alpha; p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 3 kinase catalytic 110 KD alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha isoform;Phosphatidylinositol 4,5 bisphosphate 3 kinase 110 kDa catalytic subunit alpha; Phosphatidylinositol-4;Phosphoinositide 3 kinase catalytic alpha polypeptide;PI 3 Kinase catalytic subunit alpha;PI3 kinase p110 subunit alpha;PI3-kinase subunit alpha;PI3K;PI3K-alpha;PI3KC A;PIK3C A;Pik3ca;PK3CA;PK3CA_HUMAN;PtdIns 3 kinase p110;PtdIns-3- kinase subunit alpha;PtdIns-3-kinase subunit p110-alpha;Serine/ threonine protein kinase PIK3CA.
Clonality	Monoclonal
推荐应用	WB, IF-P, IF-F, IF-ICC, IP, ELISA
反应种属	Human, Mouse, Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	5290
Human Swissprot No.	P42336
Mouse Swissprot No.	P42337
特异性	Endogenous

稀释度	WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200
参考分子量	110kDa
预测分子量	124kDa
宿主	Rabbit
同种型	IgG, Kappa
背景介绍	Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4, 5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22. [provided by RefSeq, Apr 2016].
组织表达	Gastric adenocarcinoma with PIK3CA H1047R protein expression
细胞定位	Cytoplasmic
功能	Catalytic activity: ATP+1-phosphatidyl-1D-myo-inositol 4, 5-bisphosphate=ADP+1-phosphatidyl-1D-myo-inositol 3, 4, 5-trisphosphate. Disease: Defects in PIK3CA are associated with breast cancer[MIM:114480]. Disease: Defects in PIK3CA are associated with colorectal cancer (CRC) [MIM:114500]. Disease: Defects in PIK3CA are associated with ovarian cancer[MIM:167000]. Ovarian cancer is the leading cause of death from gynecologic malignancy. It is characterized by advanced presentation with loco-regional dissemination in the peritoneal cavity and the rare incidence of visceral metastases. These typical features relate to the biology of the disease, which is a principal determinant of outcome. Disease:

功能	Defects in PIK3CA may underlie hepatocellular carcinoma(HCC) [MIM:114550].Disease:PI3KCA mutations affecting exons 9 and 20 display gender-and tissue-specific patterns,thus suggesting that the different amino acid changes could exert distinct functional effects on the oncogenic properties of this enzyme.Furthermore, sexual dimorphisms and tissue specific factors might directly or indirectly influence the occurrence of PI3KCA cancer alleles. Function:Phosphorylates PtdIns, PtdIns4P and PtdIns(4,5)P2 with a preference for PtdIns(4,5)P2.similarity:Belongs to the PI3/PI4-kinase family.similarity:Contains 1 C2 domain.similarity:Contains 1 PI3K/PI4K domain.subunit:Heterodimer of a p110(catalytic)and a p85 (regulatory)subunit.Binds to IRS1 in nuclear extracts.Interacts with RUFY3.
纯化	Protein A

注意事项:

1. 我司生产的生化试剂如无特殊标注,基本为非无菌包装,若用于细胞实验,请提前做好预处理。需低温保存的产品,一旦配成溶液,请分装保存,避免反复冻融造成的产品失效。
2. 本产品仅限于专业人员的科学研究用,不得用于临床诊断或治疗,不得用于食品或药品,不得存放于普通住宅内。
3. 为了您的安全和健康,请穿实验服并戴一次性手套操作。
4. 实验结果受多种因素影响,相关处理仅限于产品本身,不涉及其他赔偿。

免责声明: 所有产品仅用作科学研究,不得用于其他用途! 本公司将不为任何不正常使用此产品时所发生的意外负责。

北京伊事达科技有限公司

电话: 13564444959

官网: www.followme-shop.com

地址: 北京市海淀区东北旺西路58号尚科办公社区C区一楼



公众号



客服