

产品名称: PI 3-kinase p101 Rabbit Polyclonal Antibody
产品货号: AP Rab16097



产品概述 (Summary)

产品名称 (Production Name)	PI 3-kinase p101 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PIK3R5 PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase p101 subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns-
别名 (Alternative Names)	
基因 ID (Gene ID)	23533.0
蛋白 ID (SwissProt ID)	Q8WYR1.The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range:695-744

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
----------------------	---

产品名称: PI 3-kinase p101 Rabbit Polyclonal Antibody
产品货号: APRab16097



蛋白分子量 (Molecular Weight) 100kDa

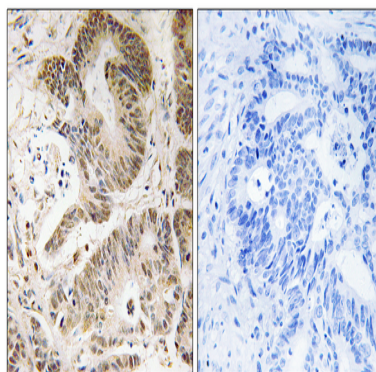
研究背景 (Background)

Phosphatidylinositol 3-kinases (PI3Ks) phosphorylate the inositol ring of phosphatidylinositol at the 3-prime position, and play important roles in cell growth, proliferation, differentiation, motility, survival and intracellular trafficking. The PI3Ks are divided into three classes: I, II and III, and only the class I PI3Ks are involved in oncogenesis. This gene encodes the 101 kD regulatory subunit of the class I PI3K gamma complex, which is a dimeric enzyme, consisting of a 110 kD catalytic subunit gamma and a regulatory subunit of either 55, 87 or 101 kD. This protein recruits the catalytic subunit from the cytosol to the plasma membrane through high-affinity interaction with G-beta-gamma proteins. Multiple alternatively spliced transcript variants encoding two distinct isoforms have been found. [provided by RefSeq, Oct 2011], domain: The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation: Greatly activated by G gamma proteins, function: Regulatory subunit of the PI3K gamma complex, subunit: Heterodimer of a catalytic subunit (PIK3CG/p120) and a regulatory (PIK3R5a/p101) subunit. Interacts with G beta gamma proteins, tissue specificity: Highly expressed in leukocytes, followed by spleen, lymph node, thymus and bone marrow.,

研究领域 (Research Area)

ErbB_HER; Chemokine; Phosphatidylinositol signaling system; mTOR; Apoptosis_Inhibition; Apoptosis_Mitochondrial; Apoptosis_Overview; VEGF; Focal adhesion; Toll_Like; Jak_STAT; Natural killer cell mediated cytotoxicity; T_Cell_Receptor; B_Cell_Antigen; Fc epsilon RI; Fc gamma R-mediated phagocytosis; Leukocyte transendothelial migration; Neurotrophin; Regulates Actin and Cytoskeleton; Insulin_Receptor; Progesterone-mediated oocyte maturation; Type II diabetes mellitus; Aldosterone-regulated sodium reabsorption; Pathways in cancer; Colorectal cancer; Renal cell carcinoma; Pancreatic cancer; Endometrial cancer; Glioma; Prostate cancer; Melanoma; Chronic myeloid leukemia; Acute myeloid leukemia; Small cell lung cancer; Non-small cell lung cancer;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using PIK3R5 Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: PI 3-kinase p101 Rabbit Polyclonal Antibody
产品货号: APRab16097



注意事项 (Note)

For research use only .