

产品名称: PI 3-kinase p85 β (phospho Tyr464) Rabbit Polyclonal Antibody
产品货号: APRab05246



产品概述 (Summary)

产品名称 (Production Name)	PI 3-kinase p85 β (phospho Tyr464) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	PIK3R2
别名 (Alternative Names)	p85; p85 beta; p85-BETA; P85B; P85B_HUMAN; Phosphatidylinositol 3 kinase; Phosphatidylinositol 3 kinase regulatory beta subunit; Phosphatidylinositol 3 kinase regulatory subunit beta; Phosphatidylinositol 3 kinase regulatory subunit polypeptide 2; Phosphatidylinositol 3 kinase, regulatory subunit, polypeptide 2 (p85 beta); Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta; phosphatidylinositol 3-kinase; Phosphatidylinositol 3-kinase regulatory beta subunit; Phosphatidylinositol 3-kinase regulatory subunit beta; Phosphoinositide 3 kinase regulatory subunit 2 (beta); Phosphoinositide 3 kinase regulatory subunit 2; Phosphoinositide 3 kinase regulatory subunit polypeptide 2 (p85 beta); Phosphoinositide 3 kinase regulatory subunit

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polypeptide 2; Phosphoinositide 3 kinase, regulatory subunit 2 (beta); Phosphoinositide 3 kinase, regulatory subunit 2 (p85 beta); PI3 kinase p85 beta subunit; PI3 kinase p85 subunit beta; PI3-kinase regulatory subunit beta; PI3-kinase subunit p85-beta; PI3K; PI3K regulatory subunit beta; PIK3R 2; PIK3R2; polypeptide 2 (p85 beta); PtdIns 3 kinase p85 beta; PtdIns-3-kinase p85-beta; PtdIns-3-kinase regulatory subunit beta; PtdIns-3-kinase regulatory subunit p85-beta.

基因 ID (Gene ID)

5296.0

蛋白 ID (SwissProt ID)

O00459.Synthesized phospho-peptide around the phosphorylation site of human PI 3-kinase p85 β (phospho Tyr464)

产品应用 (Application)

稀释比 (Dilution Ratio)

WB 1:500-1:2000,ELISA 1:5000-1:20000

蛋白分子量 (Molecular Weight)

85kDa

研究背景 (Background)

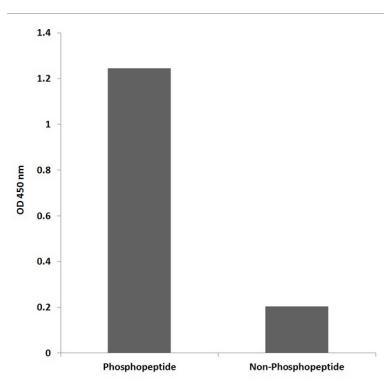
Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Dec 2012],function: Binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane.,similarity: Belongs to the PI3K p85 subunit family.,similarity: Contains 1 Rho-GAP domain.,similarity: Contains 1 SH3 domain.,similarity: Contains 2 SH2 domains.,subunit: Heterodimer of a p110 (catalytic) and a p85 (regulatory) subunits.,

研究领域 (Research Area)

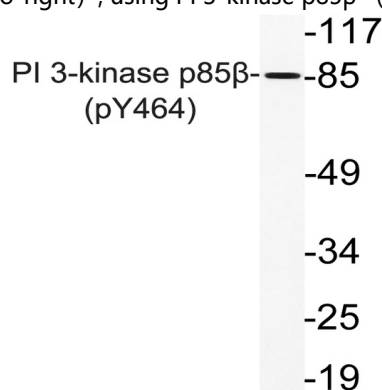
Regulates Angiogenesis; Regulation_Microtubule; Regulation of Actin Dynamics; SAPK_JNK; Stem cell pathway; Insulin Receptor; ErbB/HER; AMPK; mTOR; B Cell Receptor; Adherens_Junction

图片 (Image Data)

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Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using PI 3-kinase p85 β (Phospho-Tyr464) Antibody



Western blot analysis of lysate from Jurkat cells, using phospho-PI 3-kinase p85 β (Phospho-Tyr464) antibody.

注意事项 (Note)

For research use only .