

PI3-Kinase catalytic subunit alpha (12L4) Rabbit Monoclonal Antibody

Catalog# UZ-MA03504

Product information

产品货号	UZ-MA03504
别名	p110; caPI3K; p110alpha; 6330412C24Rik
产品名称	PI3-Kinase catalytic subunit alpha (12L4) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IP
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	Recombinant protein of mouse PI 3 Kinase catalytic subunit alpha
稀释度	WB 1:1000, IP 1:20-1:50
参考分子量	110kDa
预测分子量	124kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	Phosphoinositide-3-kinase (PI3K) that phosphorylates PtdIns (Phosphatidylinositol), PtdIns4P (Phosphatidylinositol 4-phosphate) and PtdIns(4,5)P2 (Phosphatidylinositol 4,5-bisphosphate) to generate phosphatidylinositol 3,4,5-trisphosphate (PIP3). PIP3 plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. Participates in cellular signaling in response to various growth factors. Involved in the activation of AKT1 upon stimulation by receptor tyrosine kinases ligands such as EGF, insulin, IGF1, VEGFA and PDGF. Involved in signaling via insulin-receptor substrate (IRS) proteins.
纯化	Affinity Purification
Uniprot ID	P42337
Clonality	Monoclonal