PDPK1 (10Q5) Rabbit Monoclonal Antibody

Catalog# UZ-MA03452

Product information

产品货号	UZ-MA03452
别名	3-phosphoinositide dependent protein kinase-1; EC 2.7.11.1; hPDK1; kinase PDK1; m PDK1; PDPK1; PkB kinase; Protein kinase B kinase;
产品名称	PDPK1 (10Q5) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	PDPK1
推荐应用	WB,IHC-P,IF-P
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.
Human Gene ID	5170
Human Swissprot No.	O15530
免疫原	A synthetic peptide of human PDPK1
稀释度	WB 1:1000, IHC-P/IF-P 1:100-1:200
参考分子量	63kDa
预测分子量	63kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
注意事项	PDPK1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
细胞定位	Cytoplasm. Nucleus. Cell membrane; Peripheral membrane protein. Cell junction, focal adhesion. Note=Tyrosine phosphorylation seems to occur only at the cell membrane. Translocates to the cell membrane following insulin stimulation by a mechanism that involves binding to GRB14 and INSR. SRC and HSP90 promote its localization to the cell membrane. Its nuclear localization is dependent on its association with PTPN6 and its phosphorylation at Ser- 396. Restricted to the nucleus in neuronal cells while in non-neuronal cells it is found in the cytoplasm. The Ser-241 phosphorylated form is distributed along the perinuclear region in neuronal cells while in non-neuronal cells it is found in both the nucleus and the cytoplasm IGF1 transiently increases phosphorylation at Ser-241 of neuronal PDPK1, resulting in its translocation to other cellular compartments The tyrosine-phosphorylated form colocalizes with PTK2B in focal adhesions after angiotensin II stimulation
Clonality	Monoclonal