

PRK1 (phospho-Thr774)/PRK2 (phospho-Thr816) rabbit pAb

Catalog_no :	AP1451
Applications :	WB
Reactivity :	Human,Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Protein_name :	PRK1 (Thr774)/PRK2 (Thr816)
Humangene_id :	5585
Humanswissprot_no :	Q16512
Mousegene_id :	320795
Mouseswissprot_no :	P70268
Ratgene_id :	29355
Ratswissprot_no :	Q63433
Immunogen :	Synthesized phospho peptide around human PRK1 (Thr774) and PRK2 (Thr816)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat PRK1 (phospho-Thr774) or PRK2 (phospho-Thr816)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Other_name :	Serine/threonine-protein kinase N1 (EC 2.7.11.13) (Protease-activated kinase 1) (PAK-1) (Protein kinase C-like 1) (Protein kinase C-like PKN) (Protein kinase PKN-alpha) (Protein-kinase C-related kinase 1) (Serine-threonine protein kinase N)



Molecular Weight : 103KD

Background : protein kinase N1(PKN1) Homo sapiens The protein encoded by this gene belongs to the protein kinase C superfamily. This kinase is activated by Rho family of small G proteins and may mediate the Rho-dependent signaling pathway. This kinase can be activated by phospholipids and by limited proteolysis. The 3-phosphoinositide dependent protein kinase-1 (PDPK1/PDK1) is reported to phosphorylate this kinase, which may mediate insulin signals to the actin cytoskeleton. The proteolytic activation of this kinase by caspase-3 or related proteases during apoptosis suggests its role in signal transduction related to apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008],
