

PRK1/PRK2 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12193
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phosho peptide around human PRK1 (Thr774) and PRK2 (Thr816)
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	PRK1
Synonyms	PRK1 ;Thr774/PRK2 ;Thr816; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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