

PKN1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13130
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 720-800
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Serine/threonine-protein kinase N1
Synonyms	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 kinas

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.

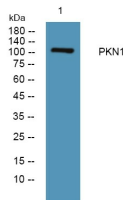
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year