

MB0214

PRK2 Antibody



- 50ul
- 100 uL

Order	021-34695924 orders@ab-mart.com
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Description:

PKC-related serine/threonine-protein kinase and Rho/Rac effector protein that participates in specific signal transduction responses in the cell. Plays a role in the regulation of cell cycle progression, actin cytoskeleton assembly, cell migration, cell adhesion, tumor cell invasion and transcription activation signaling processes. Phosphorylates CTTN in hyaluronan-induced astrocytes and hence decreases CTTN ability to associate with filamentous actin. Phosphorylates HDAC5, therefore lead to impair HDAC5 import. Direct RhoA target required for the regulation of the maturation of primordial junctions into apical junction formation in bronchial epithelial cells. Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner. Stimulates FYN kinase activity that is required for establishment of skin cell-cell adhesion during keratinocytes differentiation. Regulates epithelial bladder cells speed and direction of movement during cell migration and tumor cell invasion. Inhibits Akt pro-survival-induced kinase activity. Mediates Rho protein-induced transcriptional activation via the c-fos serum response factor (SRF). Involved in the negative regulation of ciliogenesis.(Microbial infection) Phosphorylates HCV NS5B leading to stimulation of HCV RNA replication.

Uniprot : Q16513

Alternative Names:

Cardiolipin activated protein kinase Pak2; MGC150606; MGC71074; PAK 2; PAK2; PKN gamma; PKN2; PKN2_HUMAN; PRK2; PRKCL2; PRO2042; Protein kinase C like 2; Protein kinase C related kinase 2; Protein kinase C-like 2; Protein kinase N2; Protein-kinase C-related kinase 2; Serine/threonine-protein kinase N2;

Specificity:

PRK2 antibody detects endogenous levels of total PRK2.

Reactivity : Human, Mouse, Rat, Monkey

Source : Mouse

Mol.Wt. : 140kD; 112kDa(Calculated).

Storage Condition:

Store at -20 °C. Stable for 12 months from date of receipt.

Application:

WB,IHC,ELISA,FCM

Recommended dilution

WB 1:500-1:2000 IHC 1:50-1:500 ELISA 1: 2000 FCM 1: 50