

PAK6 Polyclonal Antibody

Catalog No: YN0034

Reactivity: Human; Mouse

Applications: WB;ELISA

Target: PAK6

Fields: >>ErbB signaling pathway;>>Ras signaling pathway;>>Axon guidance;>>Focal

adhesion;>>T cell receptor signaling pathway;>>Regulation of actin cytoskeleton;>>Human immunodeficiency virus 1 infection;>>Renal cell

carcinoma

Gene Name: PAK6 PAK5

Protein Name: Serine/threonine-protein kinase PAK 6 (EC 2.7.11.1) (PAK-5) (p21-activated

kinase 6) (PAK-6)

Human Gene Id: 56924

Human Swiss Prot Q9NQU5

No:

Mouse Swiss Prot Q3ULB5

No:

Immunogen: Synthesized peptide derived from human protein . at AA range: 100-180

Specificity: PAK6 Polyclonal Antibody detects endogenous levels of protein.

Formulation : Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000 ELISA 1:5000-20000

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 74kD

Cell Pathway: ErbB_HER;Axon guidance;Focal adhesion;T_Cell_Receptor;Regulates Actin

and Cytoskeleton; Renal cell carcinoma;

Background: This gene encodes a member of a family of p21-stimulated serine/threonine

protein kinases, which contain an amino-terminal Cdc42/Rac interactive binding (CRIB) domain and a carboxyl-terminal kinase domain. These kinases function in a number of cellular processes, including cytoskeleton rearrangement, apoptosis, and the mitogen-activated protein (MAP) kinase signaling pathway. The protein encoded by this gene interacts with androgen receptor (AR) and translocates to the nucleus, where it is involved in transcriptional regulation. Changes in expression of this gene have been linked to prostate cancer. Alternative splicing

results in multiple transcript variants. [provided by RefSeq, Dec 2015],

Function : catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:The

activated kinase acts on a variety of targets.,PTM:Autophosphorylated when activated by CDC42/p21.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 CRIB domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts tightly with GTP-bound but not GDP-bound CDC42/p21 and RAC1 (By similarity). Interacts

with the androgen receptor.,

Subcellular Cytoplasm. Nucleus. Cotranslocates into nucleus with AR in response to

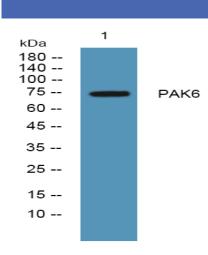
androgen induction.

Expression: Selectively expressed in brain and testis, with lower levels in multiple tissues

including prostate and breast.

Products Images





Location: