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PAK6 (N) Antibody, Rabbit Polyclonal

Cat#: R1266-1

Quantity: 100 ul

Predicted | Observed M.W.: 75 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9NQU5

Background:

Serine/threonine-protein kinase PAK 6 belongs to the STE Ser/Thr protein kinase family. PAK6 is a serine/threonine protein kinase that plays a role in the regulation of gene transcription. The kinase activity is induced by various effectors including AR or MAP2K6/MAPKK6. PAK6 phosphorylates the DNA-binding domain of androgen receptor/AR and thereby inhibits AR-mediated transcription. PAK6 also inhibits ESR1-mediated transcription. It may play a role in cytoskeleton regulation by interacting with IQGAP1 and also may protect cells from apoptosis through phosphorylation of BAD.

Other Names:

Serine/threonine-protein kinase PAK 6, PAK-5, p21-activated kinase 6, PAK5

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human PAK6. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

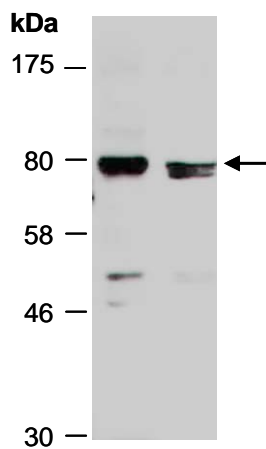


Fig 1. Western blot of total cell extracts from A) mouse thymus, B) human HeLa; using anti-PAK6 (N) (R1266-1) at RT for 2 h.