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PRODUCT DATASHEET

Anti-PAK6 (Ser-165), Phosphospecific Antibody

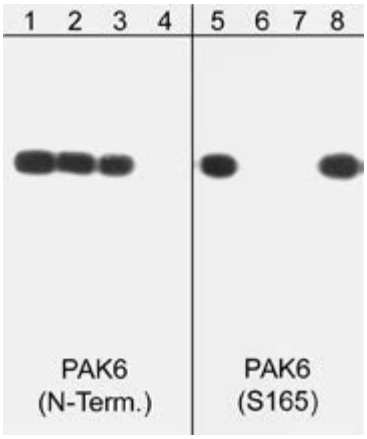
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:PP1551)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	PAK6
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human
Immunogen	PAK6 (Ser-165) synthetic peptide (coupled to carrier protein) corresponding to amino acids around serine 165 in human PAK6. The sequence used has two amino acid differences compared to rat and mouse PAK6.
Specificity	This antibody was cross-adsorbed to unphosphorylated PAK6 (Ser-165) peptide then affinity purified using phospho-PAK6 (Ser-165) peptide. The antibody detects a 75 kDa* band on SDS-PAGE immunoblots of human PAK6 recombinant protein phosphorylated with ERK2. This reactivity is specifically blocked by pre-incubation with phospho-PAK6 (Ser-165) peptide and also by treatment with lambda phosphatase.
Molecular Weight	75
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	Q9NQU5 UniProt Summary: 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. Phosphorylates the DNA-binding domain of androgen receptor/AR and thereby inhibits AR-mediated transcription. Also inhibits ESR1-mediated transcription. May play a role in cytoskeleton regulation by interacting with IQGAP1. May protect cells from apoptosis through phosphorylation of BAD.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser-165
NCBI Gene ID	106821730

Product Images



Western blots of human PAK6 recombinant protein phosphorylated by ERK2. The blot was exposed to lambda phosphatase (lanes 2 & 6) then probed with anti-PAK6 (N-terminal) (lanes 1-4) or anti-PAK6 (Ser-165) phospho-specific (lanes 5-8). The antibodies were used in the presence of unrelated (lane 3) and PAK6 (N-terminal) (lane 4) peptide or PAK6 (Ser-165) (lane 7) and unrelated phospho-serine (lane 8) peptides, respectively.



Created on 30. October 2026 | All information without guarantee