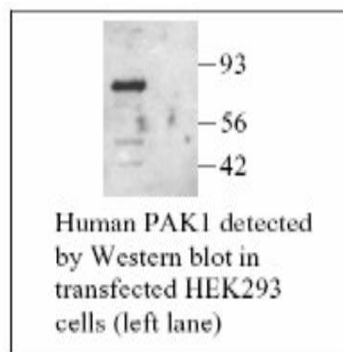


PAK1

Rabbit Anti-Human PAK-1 pAb

Catalog No.	CPP400	Quantity:	200 µg
Alternate Names:	Serine/threonine-protein kinase PAK 1, p21-activated kinase 1, p65-PAK		
Description:	Human Serine/threonine-protein kinase PAK 1 is a functional homolog of STE20 of <i>Saccharomyces cerevisiae</i> . PAK-1 is a downstream effector of the Rho-family small GTPases Rac and Cdc42. A serine/threonine kinase, PAK-1 induces the formation of filopodia and lamellipodia in Swiss 3T3 cells. PAK-1 inhibits myosin light chain kinase, and appears to play a role in the regulation of apoptosis by phosphorylating the death agonist Bad. Membrane targeting of PAK-1 induces neurite outgrowth. PAK-1 may also regulate NF-κB activation.		
UniProt ID:	Q13153		
Specificity:	Human PAK-1		
Host:	Rabbit		
Immunogen:	<i>E. coli</i> -expressed Human PAK-1 (aa 333-545)		
Isotype:	IgG		
Formulation:	Lyophilized with 0.1% sodium azide. PPE is recommended when working with products containing sodium azide.		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute to 1 mg/ml by adding 200 µl PBS.		
Cross-Reactivity:	Cross-reactivity with PAK from other species has not been determined.		
Applications:	Western Blot: suggested dilution 1:5,000 Immunoprecipitation The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for short term. It is recommended to prepare working aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		



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