Anti-PAK6 antibody

Description	Unconjugated Rabbit polyclonal to PAK6

Model	STJ190138
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human PAK6 protein.
Immunogen Region	100-180aa
Gene ID	106821730
Gene Symbol	PAK6
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	PAK6 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Selectively expressed in brain and testis, with lower levels in multiple tissues including prostate and breast.
Purification	PAK6 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Serine/threonine-protein kinase PAK 6 PAK-5 p21-activated kinase 6 PAK-6
Molecular Weight	74 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16061OMIM:608110
Alternative Names	Serine/threonine-protein kinase PAK 6 PAK-5 p21-activated kinase 6 PAK-6
Function	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. Inhibits also ESR1-mediated transcription. May play a role in cytoskeleton regulation by interacting with IQGAP1. May protect cells from apoptosis through phosphorylation of BAD.
Cellular Localization	Cytoplasm. Nucleus. Cotranslocates into nucleus with AR in response to androgen induction.
Post-translational Modifications	Autophosphorylated. Phosphorylated by MAP2K6//MAPKK6, leading to PAK6 activation.