

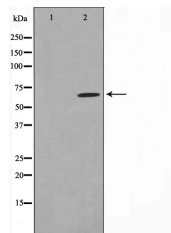


PAK3 (Phospho-Ser154) Antibody

#14136

Catalog Number: 14136-1, 14136-2**Amount:** 50µg/50µl, 100µg/100µl**Swiss-Prot No. :** O75914**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from Human PAK3 around the phosphorylation site of Sersine154**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity/Sensitivity:** Phospho-PAK3 (Ser154) Antibody detects endogenous levels of PAK3 only when phosphorylated at Sersine154**Reactivity:** Human, Mouse, Rat**Applications:**

Predicted MW: 72kd WB: 1:500~1:2000 IHC: 1:50-200



Western blot analysis on rat heart cell lysate using
Phospho-PAK3(Ser154) Antibody

Background :

PAK3 a protein kinase of the STE20 family that regulates synapse formation and plasticity in the hippocampus. May be necessary for dendritic development and for the rapid cytoskeletal reorganization in dendritic spines associated with synaptic plasticity. Forms an activated complex with GTP-bound P21, CDC2 and RAC1 proteins. Missense and truncation mutations linked to nonsyndromic mental retardation type 30 (MRX30). Two alternatively spliced human isoforms have been reported. Note: This description may include information from UniProtKB.