

## PHOSPHO-PAK1/2/3 (SER144/SER141/SER154) RABBIT MAB

**Cat.#:** N262669

**Product Name:** Anti-Phospho-PAK1/2/3 (Ser144/Ser141/Ser154) Rabbit Monoclonal Antibody

**Synonyms:** PAK3; OPHN3; Serine/threonine-protein kinase PAK 3; Beta-PAK; Oligophrenin-3; p21-activated kinase 3; PAK-3

**UNIPROT ID:** O75914

**Background:** PAK proteins are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. PAK proteins serve as targets for the small GTP binding proteins Cdc42 and RAC and have been implicated in a wide range of biological activities. PAK3 forms an activated complex with GTP-bound RAS-like (P21), CDC2 and RAC1 proteins which then catalyzes a variety of targets.

**Immunogen:** A synthetic phosphopeptide corresponding to residues surrounding Ser144 of human PAK1

**Applications:** WB,IHC-F,IHC-P,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R04-2A4

**MW:** Calculated MW: 62 kDa; Observed MW: 62 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

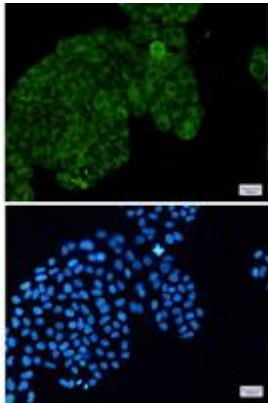
**Conjugation:** Unconjugated

**Modification:** Phosphorylated

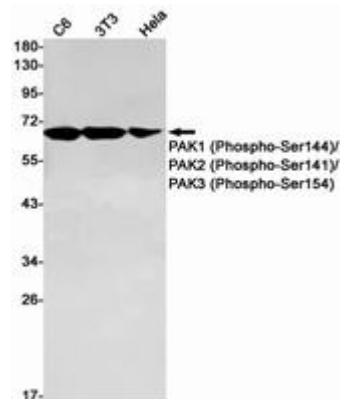
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

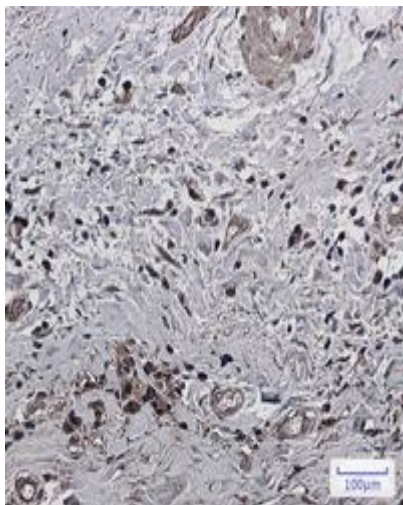
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of PAK1 (Phospho-Ser144)/PAK2 (Phospho-Ser141)/PAK3 (Phospho-Ser154) (green) in HeLa using PAK1 (Phospho-Ser144)/PAK2 (Phospho-Ser141)/PAK3 (Phospho-Ser154) antibody, and DAPI (blue)



Western blot analysis of PAK1 (Phospho-Ser144)/PAK2 (Phospho-Ser141)/PAK3 (Phospho-Ser154) in C6, 3T3, HeLa lysates using Phospho-PAK1/2/3 (Ser144/Ser141/Ser154) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Phospho-PAK1(Ser144)/2(Ser141)/3 (Ser154) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.