

Product Datasheet

Phospho-PAK1/2/3 (S144/S141/S154) Antibody

Catalog No: CY5349

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



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Information

UniProt ID: Q13153/Q13177/O75914

All Names: ADRB2; Alpha-PAK; CDC42/RAC effector kinase PAK-A; EC 2.7.11.1; P65-PAK; P68-PAK; PAK1 (phospho S144); PAK2 (phospho S141); PAK3 (phospho S154);

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human Phospho-PAK1/2/3 (S144/S141/S154).

Molecular Wt.: 65 kDa

Application

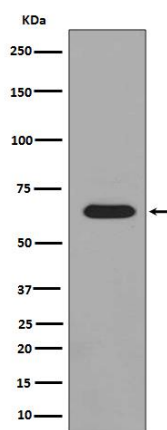
WB: 1:500~1:2000

IHC: 1:50~1:200

ICC/IF: 1:50~1:200

Background

PAK proteins are critical effectors that link RhoGTPases to cytoskeleton reorganization and nuclear signaling. PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4. PAK1: Cytoplasm. Cell junction > focal adhesion. Recruited to focal adhesions upon activation. PAK2: Cytoplasm and Nucleus. Cytoplasm > perinuclear region. Membrane. Interaction with ARHGAP10 probably changes PAK-2p34 location to cytoplasmic perinuclear region. Myristoylation changes PAK-2p34 location to the membrane. PAK3: Cytoplasmic.



Western blot analysis of Phospho-PAK1/2/3 (S144/S141/S154) expression in HeLa Cell lysate treated with lambda phosphatase.

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