

Phospho-PAK4/PAK5/PAK6 (S474/S560/S602) Recombinant Antibody RACO0131



Product Information

Size:

50ul

Reactivity:

Human

Source:

Human

Isotype:

Rabbit IgG

Applications:

ELISA, WB, IF

Recommended dilutions:

WB:1:500-1:5000, IF:1:20-1:200

Protein Background:

Serine/threonine protein kinase that plays a role in a variety of different signaling pathways including cytoskeleton regulation, cell migration, growth, proliferation or cell survival. Activation by various effectors including growth factor receptors or active CDC42 and RAC1 results in a conformational change and a subsequent autophosphorylation on several serine and/or threonine residues. Phosphorylates and inactivates the protein phosphatase SSH1, leading to increased inhibitory phosphorylation of the actin binding/depolymerizing factor cofilin. Decreased cofilin activity may lead to stabilization of actin filaments.

Gene ID:

PAK4/PAK5/PAK6

Uniprot

O96013/Q9P286/Q9NQU5

Synonyms:

Serine/threonine-protein kinase PAK 4, p21-activated kinase 4, PAK-4, PAK4, KIAA1142

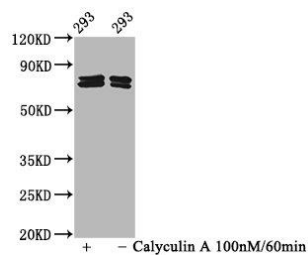
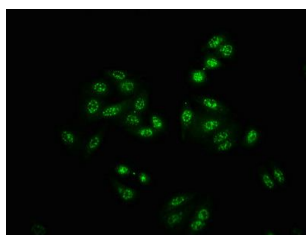
Immunogen:

A synthesized peptide derived from human Phospho-PAK4/PAK5/PAK6 (S474/S560/S602).

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Immunofluorescence staining of HepG2 cells (treated with 50mM Calyculin A for 30min) with RACO0131 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

Western Blot

Positive WB detected in(293 whole cell lysate) (treated with Calyculin A or not)

All lanes: Phospho-PAK4/PAK5/PAK6 antibody at 2.15µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 64,75,80 KDa

Observed band size: 75,80 KDa