

PAK4/5/6 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06890
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PAK4/5/6. AA range:441-490
Mol wt	64072
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	PAK4/5/6 Antibody
Synonyms	PAK4; KIAA1142; Serine/threonine-protein kinase PAK 4; p21-activated kinase 4; PAK-4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4. PAK proteins are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. They serve as targets for the small GTP binding proteins Cdc42 and Rac and have been implicated in a wide range of biological activities. PAK4 interacts specifically with the GTP-bound form of Cdc42Hs and weakly activates the JNK family of MAP kinases. PAK5 is a mediator of filopodia formation and may play a role in the reorganization of the actin cytoskeleton. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

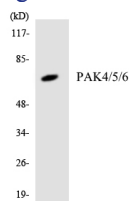
Recommended Dilution

WB: 1: 500 - 1: 2000

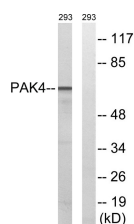
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of the lysates from Jurkat cells using PAK4/5/6 antibody.



Western blot analysis of lysates from K562 cells, treated with PMA 125ng/ml 30', using PAK4/5/6 Antibody.

The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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