

PAK4 Ab

[Images\(2\)](#)

Cat.#: DF7078 Concn.: ~1mg/ml Mol.Wt.: 64kD
Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:1000, IHC 1:50-1:100
*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

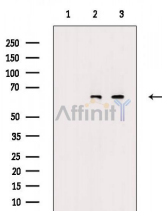
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human PAK4, corresponding to a region within the internal amino acids.

Uniprot: O96013

Description: 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. PAK4 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.



Western blot analysis of extracts from various samples, using PAK4 Ab.
Lane 1: P19 cells(heat shock treatment), blocked with antigen-specific peptides,
Lane 2: P19 cells(heat shock treatment),
Lane 3: HeLa cells(lps treatment).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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