

## Pak6 Polyclonal Antibody

**CATALOG NO:** 3927-30T 30 µg (Trial size)  
3927-100 100 µg

**HOST:** Rabbit

**IMMUNOGEN:** Synthetic peptide surrounding amino acid 552 of mouse Pak6 (Internal ID# BV-D56G).

**SPECIES REACTIVITY:** Human, Mouse, Rat, Horse, Pig

**FORMULATION:**

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**STORAGE CONDITIONS:** Store at -20°C. For long term storage, store at -70°C.

**DESCRIPTION:**

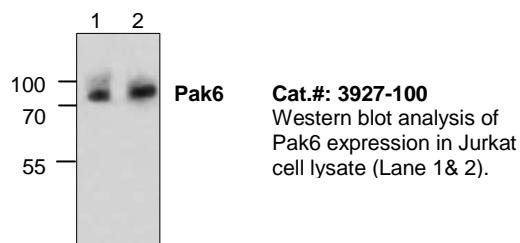
The PAK (p21-activated kinase) family of serine/threonine kinases plays an important role in multiple cellular processes, including cytoskeletal reorganization, MAPK signaling, apoptotic signaling, etc. Several mechanisms that induce PAK activation have been reported. Binding of Rac/cdc42 to the CRIB (or PBD) domain at the N-terminal region of PAK causes autophosphorylation and conformational change of PAK. More recently identified members PAK4, PAK5 and PAK6 have lower sequence similarity with PAK1-3 in the regulatory N-terminal region.

**SPECIFICITY:**

The antibody recognizes ~75 kDa of Pak6 in Western blot analysis. Reactivity to other species has not been tested.

**APPLICATION AND USAGE:**

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3927BP-50) is available separately.



**FOR RESEARCH USE ONLY! Not to be used on humans.**

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