

## Datasheet

### PAK4 polyclonal antibody (A01)

**Catalog Number:** H00010298-A01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant PAK4.

**Immunogen:** PAK4 (AAH02921, 68 a.a. ~ 157 a.a) partial recombinant protein with GST tag.

**Sequence:**

KTIVRGSKGAKDGALTLLDEFENMSVTRSNSLRDSP  
PPPARARQENGMPKPPGPRSPQREPQRVSHEQFR  
AALQLVVDPGDPRSYLD

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** 50 % glycerol

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 10298

**Gene Symbol:** PAK4

**Gene Alias:** -

**Gene Summary:** 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. [provided by RefSeq]