

PAK4 antibody

Catalog No: #38462

Package Size: #38462-1 50ul #38462-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

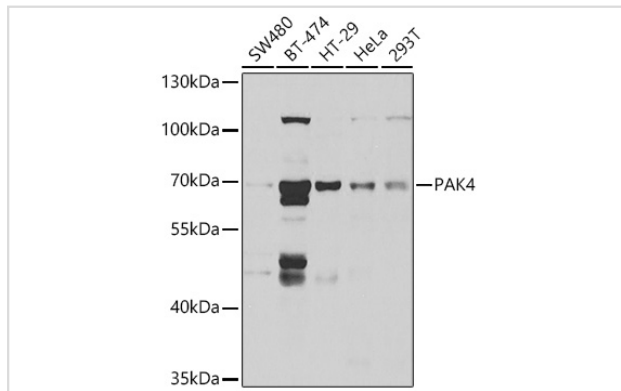
Description

Product Name	PAK4 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total PAK4 protein.
Immunogen Type	Protein
Immunogen Description	Fusion protein of human PAK4.
Target Name	PAK4
Accession No.	Swiss-Prot#: O96013NCBI Gene ID: 10298
Uniprot	O96013
GeneID	10298;
SDS-PAGE MW	64kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:1000

Images



Western blot analysis of extracts of various cell lines, using PAK4 at 1:400 dilution.

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. 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.

Note: This product is for in vitro research use only