antibodies

Datasheet for ABIN2728175 PAK4 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Image

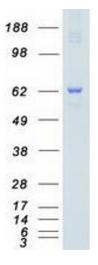
Overview	
Quantity:	20 µg
Target:	PAK4
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAK4 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human PAK4 (transcript variant 2) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	PAK4
Alternative Name:	Pak4 (PAK4 Products)
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

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Target Details

	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.
Molecular Weight:	63.9 kDa
NCBI Accession:	NP_001014831
Pathways:	RTK Signaling
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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