antibodies

Datasheet for ABIN2728182 PAK7 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Image

Overview	
Quantity:	20 µg
Target:	PAK7
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAK7 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human PAK7 / PAK5 (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:	PAK7
Alternative Name:	Pak7,pak5 (PAK7 Products)
Background:	The protein encoded by this gene is a member of the PAK family of Ser/Thr protein kinases.

PAK family members are known to be effectors of Rac/Cdc42 GTPases, which have been

implicated in the regulation of cytoskeletal dynamics, proliferation, and cell survival signaling.

This kinase contains a CDC42/Rac1 interactive binding (CRIB) motif, and has been shown to

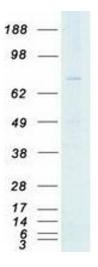
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2728182 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details

	bind CDC42 in the presence of GTP. This kinase is predominantly expressed in brain. It is
	capable of promoting neurite outgrowth, and thus may play a role in neurite development. This
	kinase is associated with microtubule networks and induces microtubule stabilization. The
	subcellular localization of this kinase is tightly regulated during cell cycle progression.
	Alternatively spliced transcript variants encoding the same protein have been described.
Molecular Weight:	80.6 kDa
NCBI Accession:	NP_817127
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.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2728182 | 09/11/2023 | Copyright antibodies-online. All rights reserved.



Western Blotting

Image 1. Validation with Western Blot

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2728182 | 09/11/2023 | Copyright antibodies-online. All rights reserved.