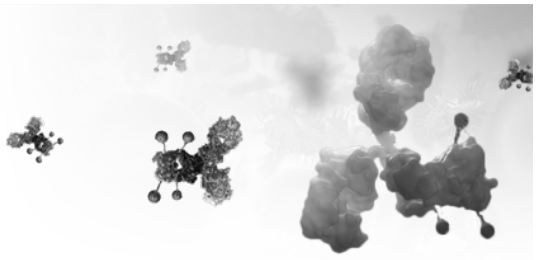

PAK2 blocking peptide (CDBP5880)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that serve as targets for the small GTP binding proteins, CDC42 and RAC1, and have been implicated in a wide range of biological activities. The protein encoded by this gene is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	PAK2 p21 protein (Cdc42/Rac)-activated kinase 2 [Homo sapiens (human)]
Official Symbol	PAK2
Synonyms	PAK2; p21 protein (Cdc42/Rac)-activated kinase 2; PAK65; PAKgamma; serine/threonine-protein kinase PAK 2; p58; PAK-2; gamma-PAK; S6/H4 kinase; p21-activated kinase 2; p21 (CDKN1A)-activated kinase 2

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Entrez Gene ID	5062
mRNA Refseq	NM_002577
Protein Refseq	NP_002568
UniProt ID	Q13177
Pathway	Activation of Rac; Adaptive Immune System; Apoptosis; Apoptotic execution phase; Axon guidance; C-MYC pathway; CD28 co-stimulation; CD28 dependent Vav1 pathway
Function	ATP binding; identical protein binding; protein binding; protein kinase activity; protein kinase binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity; protein tyrosine kinase activator activity

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