PAK2 (Human) Cell-Based ELISA Kit

Catalog # KA3422 Size 1 Kit

Specification

Product Description	PAK2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of PAK2 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — PAK2

Entrez GeneID	5062
Gene Name	PAK2
Gene Alias	PAK65, PAKgamma
Gene Description	p21 protein (Cdc42/Rac)-activated kinase 2
Omim ID	605022

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Gene Ontology	Hyperlink
Gene Summary	The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reor ganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that s erve 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 proteolyti c cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic e vents in the dying cell. [provided by RefSeq
Other Designations	S6/H4 kinase|p21 (CDKN1A)-activated kinase 2|p21-activated kinase 2

Pathway

- Axon guidance
- ErbB signaling pathway
- Focal adhesion
- MAPK signaling pathway
- Regulation of actin cytoskeleton
- Renal cell carcinoma
- T cell receptor signaling pathway

Disease

- Genetic Predisposition to Disease
- HIV Infections
- Schizophrenia

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