

Human Serine/Threonine-Protein Kinase PAK 3 (PAK3) ELISA Kit | PAK3 elisa kit

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CATALOG #
AAA331481

REACTIVITY
Human

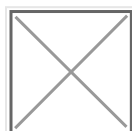
PRODUCT SYNONYMS

Serine/Threonine-Protein Kinase PAK 3 (PAK3); Human Serine/Threonine-Protein Kinase PAK 3 (PAK3) ELISA Kit; PAK3; RP5-914P14.3; CDKN1A; MRX30; MRX47; OPHN3; PAK3beta; bPAK; hPAK3; OTTHUMP00000023856; beta-PAK; oligophrenin-3; p21 (CDKN1A)-activated kinase 3; p21-activated kinase 3; serine/threonine-protein kinase PA; PAK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Serine/threonine-protein kinase PAK 3 (PAK3) ELISA Kit has high sensitivity and excellent specificity for detection of Human PAK3. No significant cross-reactivity or interference between Human PAK3 and analogues was observed.
Sequence Length	544
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Serine/threonine-protein kinase PAK 3 (PAK3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PAK3 elisa kit	Description: This Human Serine/threonine-protein kinase PAK 3 (PAK3) ELISA Kit employs a two-site sandwich ELISA to quantitate PAK3 in samples. An antibody specific for PAK3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PAK3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PAK3 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PAK3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PAK3 (p21-activated kinase 2, beta-PAK) is one of three members of Group I PAK family of evolutionary conserved serine/threonine kinases.PAK3 is preferentially expressed in neuronal cells and involved in synapse formation and plasticity and mental retardation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189491751
NCBI GeneID	5063
NCBI Accession #	NP_001121638.1
NCBI GenBank Nucleotide #	NP_001121638.1
UniProt Accession #	O75914
NCBI Official Full Name	serine/threonine-protein kinase PAK 3 isoform a
NCBI Official Synonym Full Names	p21 (RAC1) activated kinase 3
NCBI Official Symbol	PAK3
NCBI Official Synonym Symbols	ARA; bPAK; MRX30; MRX47; OPHN3; PAK-3; PAK3beta; beta-PAK
NCBI Protein Information	serine/threonine-protein kinase PAK 3
UniProt Protein Name	Serine/threonine-protein kinase PAK 3
UniProt Gene Name	PAK3
UniProt Synonym Gene Names	OPHN3; PAK-3
UniProt Entry Name	PAK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/serine-threonine-protein-kinase-pak-3-pak3/331481>