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PAK6 Blocking Peptide
Catalog # PBV10440b

Specification

PAK6 Blocking Peptide - Product Information

Primary Accession	Q3ULB5
Other Accession	AAI50755
Gene ID	214230
Calculated MW	74867

PAK6 Blocking Peptide - Additional Information

Gene ID 214230

Application & Usage	**The peptide is used for blocking the antibody activity of Pak6. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.**

Other Names
Serine/threonine-protein kinase PAK 6, 2.7.11.1, p21-activated kinase 6, PAK-6, Pak6

Target/Specificity
PAK6

Formulation
50 µg (0.5mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
PAK6 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

PAK6 Blocking Peptide - Protein Information

Name Pak6

Function
Serine/threonine protein kinase that plays a role in the regulation of gene transcription. The kinase activity is induced by various effectors including AR or MAP2K6/MAPKK6. Phosphorylates the DNA-binding domain of androgen receptor/AR and thereby inhibits AR- mediated transcription.

Inhibits also ESR1-mediated transcription. May play a role in cytoskeleton regulation by interacting with IQGAP1. May protect cells from apoptosis through phosphorylation of BAD (By similarity).

Cellular Location
Cytoplasm. Nucleus. Note=Cotranslocates into nucleus with AR in response to androgen induction.

PAK6 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PAK6 Blocking Peptide - Images