

PAK6 Blocking Peptide
Catalog # PBV10440b**Specification**

PAK6 Blocking Peptide - Product Information

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|-------------------|--------------------------|
| 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 Cytometry](#)
- [Cell Culture](#)

PAK6 Blocking Peptide - Images