

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **PAK4 RABBIT PAB**

Cat.#: S210514

**Product Name:** Anti-PAK4 Rabbit Polyclonal Antibody

Synonyms:

UNIPROT ID: O96013 (Gene Accession - BC011368)

**Background:** PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4. PAK proteins are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. They serve as targets for the small GTP binding proteins Cdc42 and Rac and have been implicated in a wide range of biological activities. PAK4 interacts specifically with the GTP-bound form of Cdc42Hs and weakly activates the JNK family of MAP kinases. PAK4 is a mediator of filopodia formation and may play a role in the reorganization of the actin cytoskeleton. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

**Immunogen:** Fusion protein of human PAK4

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

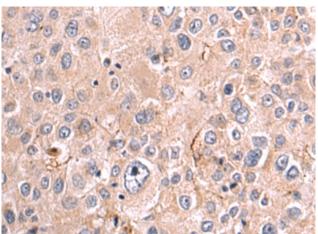
**Research Areas:** Signal Transduction, Cancer

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

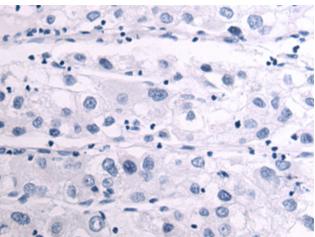


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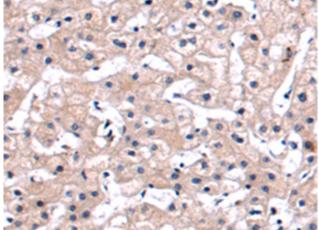
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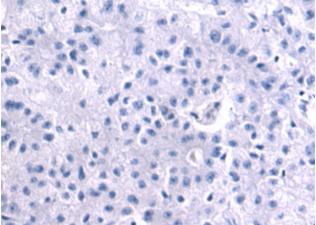
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 210514(PAK4 Antibody) at a dilution of 1/80(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 210514(Anti-PAK4 . Antibody) at dilution 1/80.



The image on the left is immunohistochemistry of paraffinembedded Human prostate cancer tissue using 210514(Anti-PAK4 Antibody) at a dilution protein and then with D121096(Anti-PAK4 of 1/80.



In comparision with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with fusion . Antibody) at dilution 1/80.