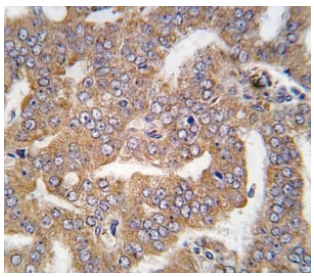
PAK4 Antibody (F50893)

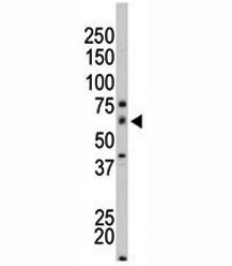
Catalog No.	Formulation	Size
F50893-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50893-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O96013
Applications	IHC (Paraffin): 1:10-1:50 Western blot: 1:1000
Limitations	This PAK4 antibody is available for research use only.



IHC analysis of FFPE human prostate carcinoma tissue stained with PAK4 antibody



The PAK4 antibody used in western blot to detect PAK4 in mouse small intestine tissue lysate

Description

PAK proteins are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3, PAK4, PAK5, and PAK6. PAK proteins 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.

Application Notes

Titration of the PAK4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 156-187 from the human protein was used as the immunogen for this PAK4 antibody.

Storage

Aliquot the PAK4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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