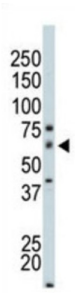
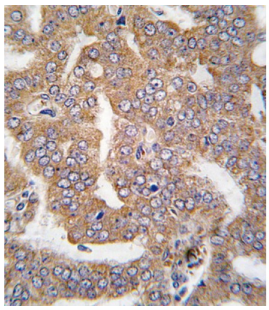
Serine/Threonine-Protein Kinase PAK 4 (PAK4) Antibody

Catalogue No.:abx033769



WB analysis of Mouse Small Intestine Tissue.



IHC-P analysis of human prostate carcinoma tissue, with DAB staining.

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.

Target:	Serine/Threonine-Protein Kinase PAK 4 (PAK4)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 156-187 amino acids from the N-terminal region of human PAK4.
Isotype:	IgG

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Form:	Liquid
Purification:	Purified by saturated ammonium sulfate (SAS) precipitation followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O96013 (UniProt, ExPASy)
Gene Symbol:	PAK4
GeneID:	10298
KEGG:	hsa:10298
String:	9606.ENSP00000469413
Molecular Weight:	Calculated MW: 64.1 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	This product is for research use only.

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