Datasheet for ABIN3032113

anti-PAK7 antibody (AA 168-198)

3 Images

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Overview

Quantity:	0.4 mL
Target:	PAK7
Binding Specificity:	AA 168-198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 168-198 from the human protein was used as the immunogen for this PAK5 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	PAK7
Alternative Name:	PAK5 (PAK7 Products)
Background:	PAK5 is a member of the PAK family of Ser/Thr protein kinases. PAK family members are known to be effectors of Rac/Cdc42 GTPases, which have been implicated in the regulation of cytoskeletal dynamics, proliferation, and cell survival signaling. This kinase contains a

Target Details

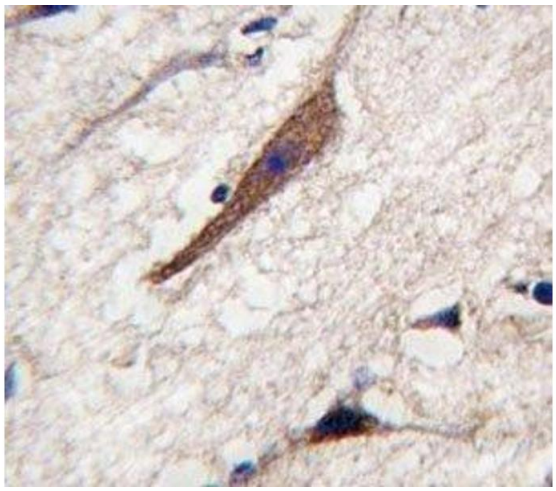
	CDC42/Rac1 interactive binding (CRIB) motif, and has been shown to bind CDC42 in the presence of GTP. This kinase is predominantly expressed in brain. It is capable of promoting neurite outgrowth, and thus may play a role in neurite development. This kinase is associated with microtubule networks and induces microtubule stabilization. The subcellular localization of this kinase is tightly regulated during cell cycle progression.
UniProt:	Q9P286

Application Details

Application Notes:	Titration of the PAK5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50
Restrictions:	For Research Use only

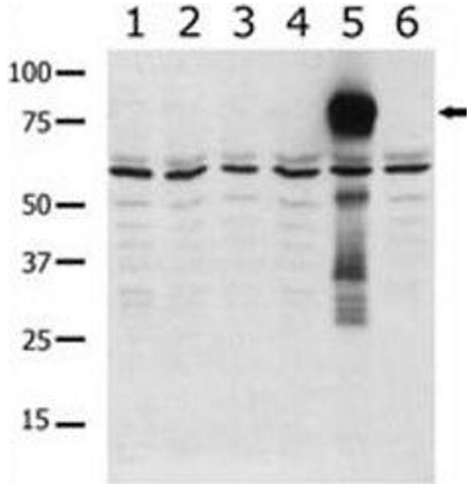
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the PAK5 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



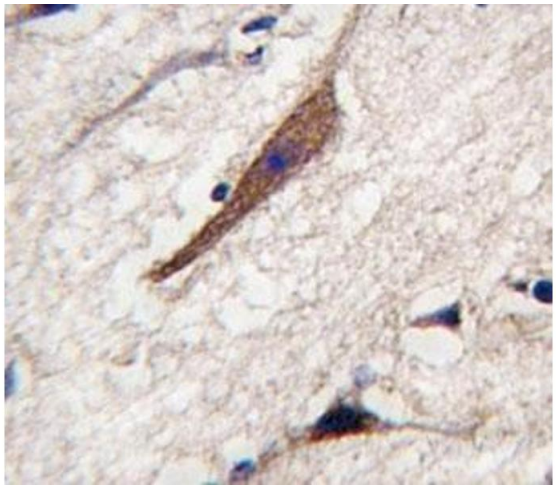
Immunohistochemistry

Image 1. IHC analysis of FFPE human brain tissue stained with PAK5 antibody



Western Blotting

Image 2. Western blot analysis of PAK5 antibody in lysate from transiently transfected COS7 cells. Lane 1: negative control, and transfected lysates 2: PAK1, 3: PAK2, 4: PAK4, 5: PAK5, and 6: PAK6-expressing cells.



Immunohistochemistry

Image 3. IHC analysis of FFPE human brain tissue stained with PAK5 antibody

