

PAK7 Polyclonal Antibody

Catalog NumberPA5-15121

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50
Type	Antibody	Western Blot (WB)	1:1,000
Immunogen	KLH conjugated synthetic peptide between 168-198 amino acids from human PAK5	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	Lot-specific		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Background/Target Information

The protein encoded by this gene 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 CDC42/Rac1 interactive binding 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. Alternatively spliced transcript variants encoding the same protein have been described.

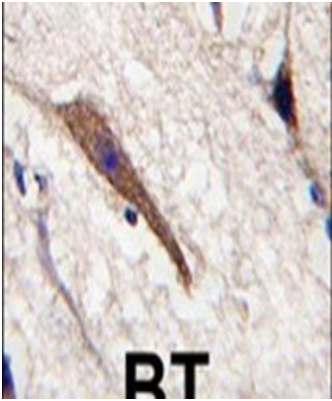
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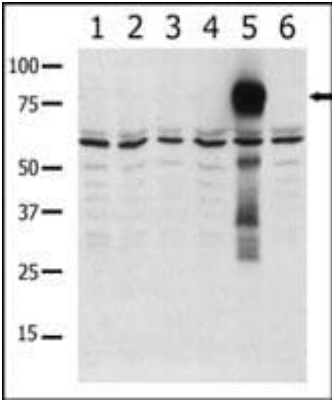
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Product Images For PAK7 Polyclonal Antibody



**PAK7 Antibody (PA5-15121) in IHC**  
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human brain tissue using a PAK5 polyclonal antibody (Product # PA5-15121), followed by HRP-conjugated secondary antibody and DAB staining.



**PAK7 Antibody (PA5-15121) in WB**  
Western blot analysis using a PAK5 polyclonal antibody (Product # PA5-15121) in lysates from transiently transfected COS7 cells. Lane 1: negative control, Lane 2: PAK1-expressing cells, Lane 3: PAK2-expressing cells, Lane 4: PAK4-expressing cells, Lane 5: PAK5-expressing cells, and Lane 6: PAK6-expressing cells.

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