

PAK7 Polyclonal Antibody

Catalog NumberPA5-32965

Product data sheet

| Details | | Species Reactivity | |
|--------------------|--|--|-----------------|
| Size | 50 µg | Species reactivity | Human |
| Host/Isotope | Rabbit / IgG | Tested Applications | Dilution * |
| Class | Polyclonal | | |
| Type | Antibody | | |
| Immunogen | Synthetic 18 amino acid peptide from internal region of human PAK7. | ELISA (ELISA) | Assay-dependent |
| Conjugate | Unconjugated | Immunohistochemistry (Paraffin) (IHC (P)) | 5 µg/mL |
| Form | Liquid | * 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. | |
| Concentration | 1 mg/mL | | |
| Purification | Antigen affinity chromatography | | |
| Storage buffer | PBS | | |
| Contains | 0.1% sodium azide | | |
| Storage Conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. | | |

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Monkey (100%); Gibbon, Marmoset, Pig (94%); Dog, Panda, Horse, Rabbit (89%); Bovine, Bat, Elephant (83%). Immunohistochemistry with formalin-fixed paraffin-embedded tissues requires pretreatment with Proteinase K.

Background/Target Information

PAK7 (KIAA1264) is 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.

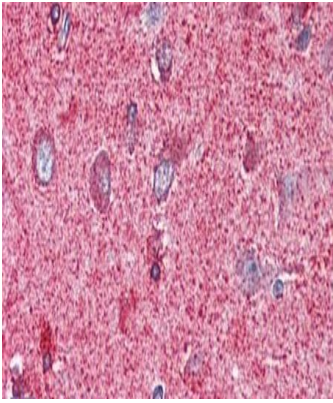
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Product Images For PAK7 Polyclonal Antibody



PAK7 Antibody (PA5-32965) in IHC (P)
Immunohistochemical analysis of formalin-fixed paraffin-embedded human brain, cortex using a PAK7 polyclonal antibody (Product # PA5-32965). Heat-induced antigen retrieval was performed prior to staining.

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