Pak7 Antibody / Pak5 (F43498)

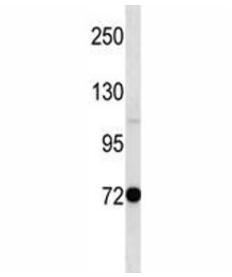
Catalog No.	Formulation	Size
F43498-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43498-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

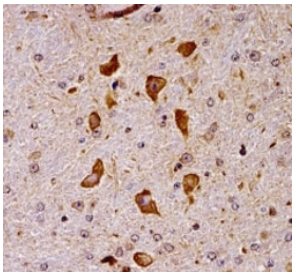
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8C015
Localization	Cytoplasmic
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This Pak7 antibody is available for research use only.



Pak7 antibody western blot analysis in K562 lysate.



Pak7 antibody western blot analysis in mouse stomach tissue lysate



Pak7 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue.

Description

Pak7, also called Pak5, is a serine/threonine protein kinase that plays a role in a variety of different signaling pathways including cytoskeleton regulation, cell migration, proliferation or cell survival. Activation by various effectors including growth factor receptors or active CDC42 and RAC1 results in a conformational change and a subsequent autophosphorylation on several serine and/or threonine residues. Phosphorylates the proto-oncogene RAF1 and stimulates its kinase activity. Promotes cell survival by phosphorylating the BCL2 antagonist of cell death BAD. Phosphorylates CTNND1, probably to regulate cytoskeletal organization and cell morphology. Keeps microtubules stable through MARK2 inhibition and destabilizes the F-actin network leading to the disappearance of stress fibers and focal adhesions (By similarity). [UniProt]

Application Notes

Titration of the Pak7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 128-157 from the mouse protein was used as the immunogen for this Pak7 antibody.

Storage

Aliquot the Pak7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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