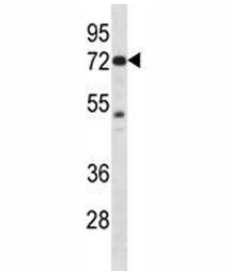
Pak4 Antibody (F43855)

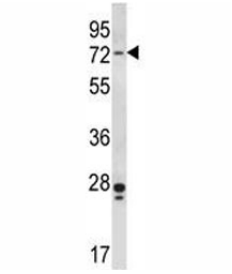
Catalog No.	Formulation	Size
F43855-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43855-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

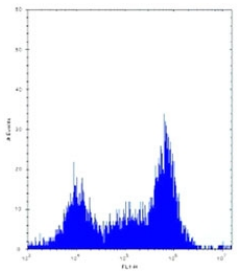
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8BTW9
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50
Limitations	This Pak4 antibody is available for research use only.



Pak4 antibody western blot analysis in mouse Neuro-2a lysate



Pak4 antibody western blot analysis in human MCF-7 lysate.



Pak4 antibody flow cytometric analysis of Neuro-2a cells. FITC-conjugated donkey-anti-rabbit secondary Ab was used for the analysis.

Description

Pak4 activates the JNK pathway. Plays a role in the reorganization of the actin cytoskeleton and in the formation of filopodia. Phosphorylates and inactivates the protein phosphatase SSH1, leading to increased inhibitory phosphorylation of the actin binding/depolymerizing factor cofilin. Decreased cofilin activity may lead to stabilization of actin filaments. Phosphorylates ARHGEF2 (By similarity).

Application Notes

Titration of the Pak4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 187-216 from the mouse protein was used as the immunogen for this Pak4 antibody.

Storage

Aliquot the Pak4 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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