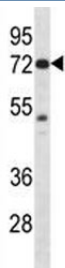


## Pak4 Antibody (F43855)

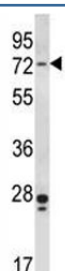
Catalog No.	Formulation	Size
F43855-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43855-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

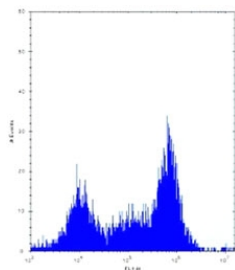
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q8BTW9
<b>Applications</b>	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
<b>Limitations</b>	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.