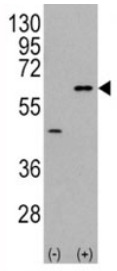
AKT3 Antibody (F50046)

Catalog No.	Formulation	Size
F50046-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50046-0.08ML	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
Predicted Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9Y243
Applications	Western blot: 1:1000
Limitations	This AKT3 antibody is available for research use only.



Western blot analysis of AKT3 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the AKT3 gene (2). Predicted molecular weight: ~56kDa but can be observed from 60~65kDa.

Description

AKT3 is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1).

Application Notes

Titration of the AKT3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 450-479 from the human protein was used as the immunogen for this AKT3 antibody.

Storage

Aliquot the AKT3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.