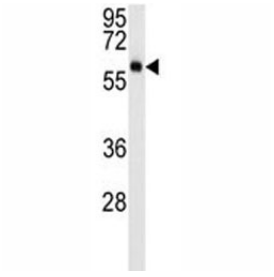
AKT3 Antibody [clone 154CT4.5.3] (F40227)

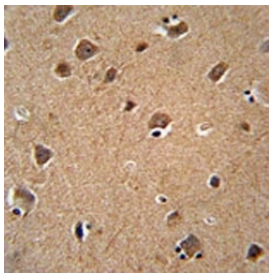
Catalog No.	Formulation	Size
F40227-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40227-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, l
Clone Name	154CT4.5.3
Purity	Purified
UniProt	Q9Y243
Applications	Western blot: 1:100-1:500 IHC (Paraffin): 1:50-1:100
Limitations	This AKT3 antibody is available for research use only.



AKT3 western blot analysis in mouse NIH3T3 lysate (15ug/lane). Predicted molecular weight: ~56kDa but can be observed from 60~65kDa.



AKT3 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.

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

This AKT3 antibody was produced from a mouse immunized with AKT3 recombinant protein.

Storage

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

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