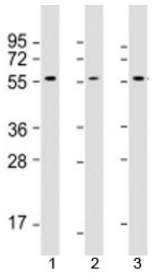
AKT2 Antibody / PKB beta [clone 1623CT791.157.67.66] (F53805)

Catalog No.	Formulation	Size
F53805-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53805-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	1623CT791.157.67.66
Purity	Protein G affinity chromatography
UniProt	P31751
Applications	Western blot: 1:1000-1:2000
Limitations	This AKT2 antibody is available for research use only.



Western blot testing of 1) human MCF7, 2) human Jurkat and 3) rat PC-12 cell lysate with AKT2 antibody at 1:2000. Predicted molecular weight: 56 kDa.

Description

AKT2 is one of three closely related serine/threonine- protein kinases (AKT1, AKT2 and AKT3) called the AKT kinase, and which regulate many processes including metabolism, proliferation, cell survival, growth and angiogenesis. This is mediated through serine and/or threonine phosphorylation of a range of downstream substrates.

Application Notes

Titration of the AKT2 antibody may be required due to differences in protocols and substrate sensitivity.

Immunogen

Human recombinant protein corresponding to amino acids 272-481 was used as the immunogen for this AKT2 antibody.

Storage

Aliquot the AKT2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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