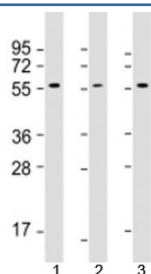


## AKT2 Antibody / PKB beta [clone 1623CT791.157.67.66] (F53805)

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](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Rat
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1
<b>Clone Name</b>	1623CT791.157.67.66
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P31751
<b>Applications</b>	Western Blot : 1:1000-1:2000
<b>Limitations</b>	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.