

## Akt3 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP00352
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of RAC-gamma serine/threonine-protein kinase
Mol wt	55775
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Akt3 Antibody
Synonyms	AKT3; PKBG; RAC-gamma serine/threonine-protein kinase; Protein kinase Akt-3; Protein kinase B gamma; PKB gamma; RAC-PK-gamma; STK-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

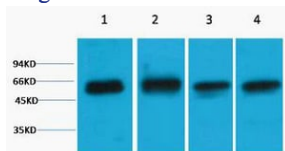
AKT serine/threonine kinase 3 encoded by AKT3 is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell 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). Alternatively splice transcript variants encoding distinct isoforms have been described.

### Recommended Dilution

WB: 1: 1000 - 2000

Not yet tested in other applications.

### Images



Western blot analysis of 1) HeLa, 2) 3T3, 3) Mouse Brain, 4) Rat Brain tissue, diluted at 1:2000.  
Secondary antibody was diluted at 1:20000

### Storage

-20°C for one year