

Product Name: AKT1/2/3 Rabbit Monoclonal Antibody
Catalog #: AMRe86669



Summary

Production Name	AKT1/2/3 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, FC, IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	AKT1/2/3
Alternative Names	MPPH; PKBG; MPPH2; PRKBG; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma
Gene ID	10000
SwissProt ID	Q9Y243.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:100-1:200 FC: 1:20-1:50 IP: 1:50
Molecular Weight	Calculated MW:56 kDa; Observed MW:56 kDa

Background

The protein encoded by this gene is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT

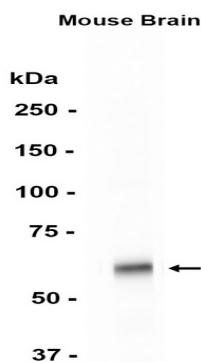
Product Name: AKT1/2/3 Rabbit Monoclonal Antibody
Catalog #: AMRe86669



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. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from Mouse brain tissue using AMRe86669 at 1:1000.

Note

For research use only.