



# Rabbit Anti-Human AKT3 monoclonal antibody, clone B.739.2 (CABT-L1189)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	AKT3
<b>Immunogen</b>	Synthetic peptide corresponding to residues of human Akt3
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	B.739.2
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IP, WB
<b>Format</b>	Liquid
<b>Buffer</b>	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	-20°C

## BACKGROUND

<b>Introduction</b>	The protein encoded by this gene 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
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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.

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**Keywords**

AKT3;v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma);RAC-gamma serine/threonine-protein kinase;PKBG;PRKBG;RAC gamma;PKB gamma;RAC-gamma serine/threonine protein kinase;STK-2;PKB-GAMMA;RAC-gamma;RAC-PK-gamma;DKFZp434N0250

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## GENE INFORMATION

Entrez Gene ID [10000](#)

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UniProt ID [Q9Y243](#)

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