



# Anti-PKB gamma (aa 116-127) polyclonal antibody (CABT-BL6347)

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

## PRODUCT INFORMATION

Specificity	detects PKB gamma at ~56 kDa
Immunogen	PKB gamma (residues 116-127) [RMNCSPTSQIDN]
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Purification	affinity-purified using immobilized immunogen
Conjugate	Unconjugated
Applications	IP
Format	Liquid
Size	100 µg
Buffer	phosphate-buffered saline
Preservative	None
Storage	12 months at -20°C; aliquot as required

## BACKGROUND

Introduction	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. [provided by RefSeq, Jul 2008]

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## GENE INFORMATION

Entrez Gene ID	<a href="#">10000</a>
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UniProt ID	<a href="#">Q9Y243</a>
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