

## Rabbit polyclonal antibody to Protein kinase C gamma (665-685): Affinity purified

<b>Catalogue No.:</b>	R-1142-100
<b>Description:</b>	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Protein kinase C gamma (PKC-gamma) belongs to the Protein kinase C family of serine- and threonine-specific protein kinases that can be activated by calcium and second messenger diacylglycerol. These kinases phosphorylate a wide range of cellular proteins and are known to be involved in diverse cellular signaling pathways. PKC-gamma is one of at least 12 different types of Protein kinase C identified in humans. PKC-gamma is expressed in neurons of brain and spinal cord.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (IDQADFQGFTYVNPDFVHPDA) corresponding to a region (665-685) from rat Protein kinase C gamma. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
<b>Other Names:</b>	PKC-gamma; EC 2.7.11.13; Prkcg; Pkcc; Pkcg; Prkcc;
<b>Accession:</b>	P63319 KPCG_RAT;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Rat PKC-gamma has a predicted length of 697 residues and MW of 78 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Rat; predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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