

bs-3726R**[Primary Antibody]****phospho-PKC delta (Tyr52) Rabbit pAb****Bioss**
ANTIBODIES

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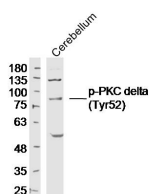
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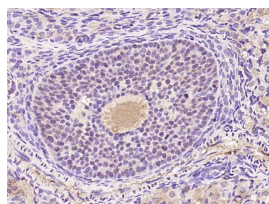
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 5580**SWISS:** Q05655**Target:** phospho-PKC delta (Tyr52)**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human PKC delta around the phosphorylation site of Tyr52: TM(p-Y)PE.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

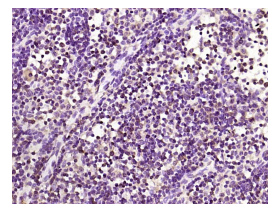
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play distinct roles in cells. The protein encoded by this gene is one of the PKC family members. Studies both in human and mice demonstrate that this kinase is involved in B cell signaling and in the regulation of growth, apoptosis, and differentiation of a variety of cell types. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008].**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1µg /test)**Reactivity:** Human, Mouse, Rat
(predicted: Rabbit, Pig,
Cow, Dog)**Predicted**
MW.: 77 kDa**Subcellular** Cell membrane ,Cytoplasm
Location: ,Nucleus**— VALIDATION IMAGES —**

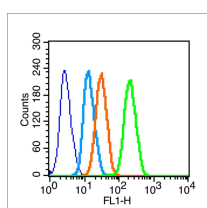
Sample: Cerebellum (Rat) Lysate at 40 µg
 Primary: Anti-phospho-PKC delta (Tyr52)
 (bs-3726R) at 1/300 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 77 kD Observed
 band size: 80 kD



Paraformaldehyde-fixed, paraffin embedded (rat
 ovary); Antigen retrieval by boiling in sodium
 citrate buffer (pH6.0) for 15min; Block
 endogenous peroxidase by 3% hydrogen
 peroxide for 20 minutes; Blocking buffer (normal
 goat serum) at 37°C for 30min; Antibody
 incubation with (phospho-PKC delta (Tyr52))
 Polyclonal Antibody, Unconjugated (bs-3726R)
 at 1:200 overnight at 4°C, followed by operating
 according to SP Kit(Rabbit) (sp-0023)
 instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat
 lymphoid); Antigen retrieval by boiling in sodium
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Blank control (blue line): HeLa (blue). Primary

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Antibody (green line): Rabbit Anti-phospho-PKC delta (Tyr52) antibody (bs-3726R) Dilution: $1\mu\text{g}/10^6$ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): F(ab')₂ fragment goat anti-rabbit IgG-FITC Dilution: $1\mu\text{g}/\text{test}$. Protocol The cells were fixed with 2% paraformaldehyde (10 min), then permeabilized with 90% ice-cold methanol for 30 min on ice. Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1 X PBS/2%BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.