

bs-12690R**[Primary Antibody]****phospho-PKC zeta (Thr560) Rabbit pAb****BioSS**
ANTIBODIES

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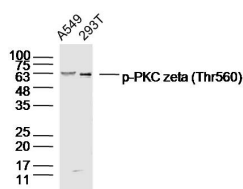
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)
GeneID: 5590	SWISS: Q05513	Predicted MW.: 67 kDa
Target: PKC zeta (Thr560)		Subcellular Location: Cytoplasm
Immunogen: KLH conjugated synthesised phosphopeptide derived from human PKC zeta around the phosphorylation site of Thr560: QL(p-T)PD.		
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) zeta is a member of the PKC family of serine/threonine kinases which are involved in a variety of cellular processes such as proliferation, differentiation and secretion. Unlike the classical PKC isoenzymes which are calcium-dependent, PKC zeta exhibits a kinase activity which is independent of calcium and diacylglycerol but not of phosphatidylserine. Furthermore, it is insensitive to typical PKC inhibitors and cannot be activated by phorbol ester. Unlike the classical PKC isoenzymes, it has only a single zinc finger module. These structural and biochemical properties indicate that the zeta subspecies is related to, but distinct from other isoenzymes of PKC. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008].		

— VALIDATION IMAGES —

Sample: A549 (Human) CellLysate at 40 ug 293T
(Human) CellLysate at 40 ug Primary: Anti-p-PKC
zeta (Thr560)(bs-12690R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at
1/20000 dilution Predicted band size: 67kD
Observed band size: 67kD

— SELECTED CITATIONS —

- **[IF=5.3]** Zhen Jianhua. et al. Shaoyao Decoction reduced T lymphocyte activation by regulating of intestinal flora and 5-hydroxytryptamine metabolism in ulcerative colitis. CHIN MED-UK. 2024 Dec;19(1):1-18 WB ;Human. 38879471