

bs-5585R**[Primary Antibody]****phospho-PRKCQ (Thr538) Rabbit pAb****Bioss**
ANTIBODIES

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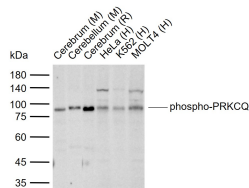
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 5588 Target: PRKCQ (Thr538) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human PRKCQ around the phosphorylation site of Thr538: TN(p-T)FC. 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 a distinct role. The protein encoded by this gene is one of the PKC family members. It is a calcium-independent and phospholipid-dependent protein kinase. This kinase is important for T-cell activation. It is required for the activation of the transcription factors NF-kappaB and AP-1, and may link the T cell receptor (TCR) signaling complex to the activation of the transcription factors. [provided by RefSeq, Jul 2008]	Isotype: IgG SWISS: Q04759	Applications: WB (1:500-2000) Reactivity: Human, Mouse, Rat (predicted: Dog) Predicted MW.: 82 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Mouse Cerebellum tissue lysates Lane 3:
Rat Cerebrum tissue lysates Lane 4: Human HeLa
cell lysates Lane 5: Human K562 cell lysates Lane
6: Human MOLT4 cell lysates Primary: Anti-
phospho-PRKCQ (Thr538) (bs-5585R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 82 kDa Observed band size: 82 kDa

— SELECTED CITATIONS —

- **[IF=5.9]** van Rees, Geertje Frederique, et al. "Evidence of microglial activation following exposure to serum from first-onset drug-naïve schizophrenia patients." Brain, Behavior, and Immunity (2017). ICC ;Human. 28988033