

## *Anti-PKC $\gamma$*

(protein kinase C $\gamma$ )

**Code Number** : PKCg-Rb-Af400 (rabbit, RRID : AB\_2571824)  
: PKCg-Go-Af840 (goat, RRID : AB\_2571825)  
: PKCg-GP-Af350 (guinea pig, RRID : AB\_2571826)

**Size** : 20  $\mu$ g and 50  $\mu$ g / See label on vial  
(affinity-purified with antigen polypeptide)

**Formulation** : Liquid ; 200  $\mu$ g/ml in PBS with 0.05% NaN<sub>3</sub>.

**Storage** : Store at cool temp (2-10°C).

The antibody can be stored at 2-10°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

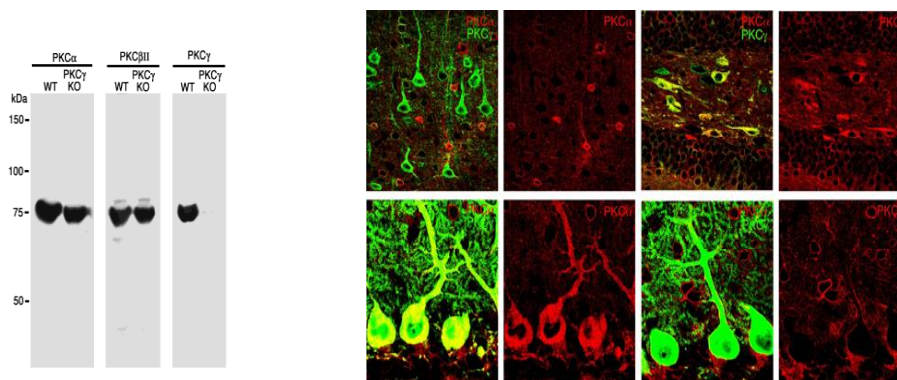
**Species** : rabbit / guinea pig / goat, polyclonal

**Antigen** : mouse PKC $\gamma$ , 684-697 aa (L28035)

**Specificity** : mouse (others not tested)

Immunoblot detects a single band at 75 kDa.

**Applications** : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.



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**Research Use** : For research use only, not for use in diagnostic procedures.

**Remarks** : Rabbit, guinea pig, and goat PKC $\gamma$  antibodies are equal in specificity and titer.

**Reference** : 1) Yoshida, T., Fukaya, M., Uchigashima, M., Kamiya, H., Kano, M., Watanabe, M. (2006) Localization of diacylglycerol lipase- $\alpha$  around postsynaptic spine suggests close proximity between production site of an endocannabinoid, 2-arachidonoyl-glycerol, and presynaptic cannabinoid CB1 receptor. **J. Neurosci.** 26: 4740-4751.

2) Nomura S, Fukaya M, Tsujioka T, Wu D, Watanabe M: Phospholipase C $\beta$ 3 is distributed in both somatodendritic and axonal compartments and localized around perisynapse and smooth endoplasmic reticulum in mouse Purkinje cell subsets. **Eur. J. Neurosci**, in press

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