Datasheet for ABIN7257238
anti-PKC beta antibody

## 5 Images



Overview

| Quantity: | $200 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | PKC beta (PRKCB) |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PKC beta antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| Immunogen: | Recombinant fusion protein of human PRKCB (NP_002729.2). |
| :--- | :--- |
| Isotype: | IgG |
| Characteristics: | Affinity purification |
| Purification: | PKC beta (PRKCB) |
| Target Details | PrKCB (PRKCB Products) |
| Target: | activated by calcium and second messenger diacylglycerol. PKC family members <br> Alternative Name: |
| Background: | 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 in cells. The protein encoded by this gene is one of the PKC family members. This protein kinase has been reported to be involved in many different cellular functions, such as B cell activation, apoptosis induction, endothelial cell proliferation, and intestinal sugar absorption. Studies in mice also suggest that this kinase may also regulate neuronal functions and correlate fear-induced conflict behavior after stress. Alternatively spliced transcript variants encoding distinct isoforms have been reported. |
| :---: | :---: |
| Gene ID: | 5579 |
| UniProt: | P05771 |
| Pathways: | WNT Signaling, TCR Signaling, Thyroid Hormone Synthesis, Nuclear Hormone Receptor Binding , Chromatin Binding, Myometrial Relaxation and Contraction, VEGF Signaling, Unfolded Protein Response, BCR Signaling |
| Application Details |  |
| Application Notes: | IHC 1:50-1:100 IF 1:50-1:100 |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Concentration: | $1 \mathrm{mg} / \mathrm{mL}$ |
| Buffer: | PBS with 0.02 \% sodium azide, 50 \% glycerol, pH 7.3 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | $-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles. |



Please check the product details page for more images. Overall 5 images are available for ABIN7257238.

