Datasheet for ABIN3032380
anti-PRKD3 antibody (AA 352-384)

## 5 Images



Overview

| Quantity: | 0.4 mL |
| :--- | :--- |
| Target: | PRKD3 |
| Binding Specificity: | AA 352-384 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PRKD3 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

Product Details

| Immunogen: | A portion of amino acids 352-384 from the human protein was used as the immunogen for this <br>  <br> PKC nu antibody. |
| :--- | :--- |
| Isotype: | Ig Fraction |
| Purification: | Purified |

Target Details

| Target: | PRKD3 |
| :--- | :--- |
| Alternative Name: | PKC nu (PRKD3 Products) |
| Background: | Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be <br>  <br>  <br>  <br>  <br> activated by calcium and second messenger diacylglycerol. PKC family members <br> phosphate a wide variety of protein targets and are known to be involved in diverse cellular |

## Target Details

|  | signaling pathways. PKC 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. PKC nu is one of the PKC family members. This kinase can be activated rapidly by the agonists of $G$ protein-coupled receptors. It resides in both cytoplasm and nucleus, and its nuclear accumulation is found to be dramatically enhanced in response to its activation. This kinase can also be activated after B-cell antigen receptor (BCR) engagement, which requires intact phopholipase C gamma and the involvement of other PKC family members. |
| :---: | :---: |
| UniProt: | 094806 |
| Application Details |  |
| Application Notes: | Titration of the PKC nu antibody may be required due to differences in protocols and secondary/substrate sensitivity. . . Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,IF: 1:50-1:100 |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Buffer: | In 1X PBS, pH 7.4, with 0.09 \% sodium azide |
| 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: | Aliquot the PKC nu antibody and store frozen at $-20^{\circ} \mathrm{C}$ or colder. Avoid repeated freeze-thaw cycles. |



## Western Blotting

Image 2. A. Western blot analysis of GFP fusion protein expression in Panc-1 cells by using an anti-GFP antibody. Lanes 1 and 5: non-transfected cells; lanes 2 and 6: PKDtransfected cells; lanes 3 and 7: PKD2-transfected cells; lanes 4 and 8: PKC nu transfected c


#### Abstract

Immunohistochemistry Image 3. IHC analysis of FFPE human breast carcinoma tissue stained with the PKC nu antibody


Please check the product details page for more images. Overall 5 images are available for ABIN3032380.

