

Manufacturer/Supplier:

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Product name: Rabbit anti-PKC iota/zeta (pT412/410) Antibody

Catalog: DL93495A

Synonyms: DXS1179E; Protein kinase C iota type; Atypical protein kinase C-lambda/iota; PRKC-lambda/iota; aPKC-lambda/iota; nPKC-iota; PKC2; Protein kinase C zeta type; nPKC-zeta

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PKC iota/zeta (pT412/410). The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity:

Human, Mouse, Rat, Dog, Rabbit, Zebrafish

Application: WB, IHC, IF/IC**Clonality:** Polyclonal

Dilution: WB (1/500 - 1/1000),
IHC (1/100 - 1/200), IF/IC (1/100 - 1/500)

Entrez Gene:

18759; 18762/84006; 25522

SwissProt:

P41743; Q05513/Q62074; Q02956/F1M7Y5;
P09217

Purification:

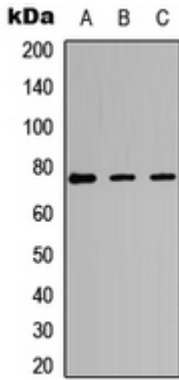
The antibody was purified by immunogen affinity chromatography.

Buffer:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of PKC ι/ζ (pT412/410) expression in MCF7 TNF α -treated (A), NIH3T3 LPS-treated (B), PC12 UV-treated (C) whole cell lysates.

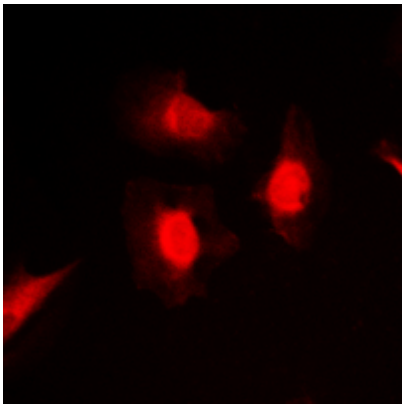


IHC description:

Immunohistochemical analysis of PKC iota/zeta (pT412/410) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

IF/ICC description:

Immunofluorescent analysis of PKC iota/zeta (pT412/410) staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with t



Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.