

## Anti-PKC epsilon (pS729) Antibody

Catalog #	Source	Reactivity	Applications
CPA4786	Rabbit	H, M, R, Rb	WB, IF/IC
<b>Description</b>	Rabbit polyclonal antibody to PKC epsilon (pS729)		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PKC epsilon. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of PKC epsilon (pS729) protein.		
<b>Clonality</b>	Polyclonal		
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)		
<b>Gene Symbol</b>	PRKCE		
<b>Alternative Names</b>	PKCE; Protein kinase C epsilon type; nPKC-epsilon		
<b>Entrez Gene</b>	5581 (Human); 18754 (Mouse); 29340 (Rat)		
<b>SwissProt</b>	Q02156 (Human); P16054 (Mouse); P09216 (Rat)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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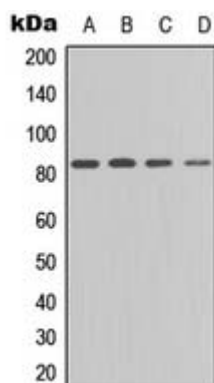
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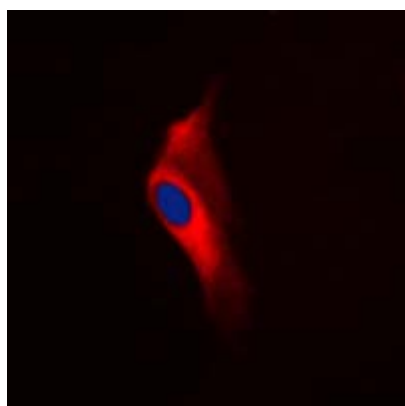
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## Product Data Sheet



Western blot analysis of PKC epsilon (pS729) expression in HT29 (A), A549 (B), HeLa (C), NIH3T3 (D) whole cell lysates.



Immunofluorescent analysis of PKC epsilon (pS729) staining in HeLa 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 the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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