

PKC alpha (Phospho-Thr497) Antibody

Catalog No: #60290

Package Size: #60290-1 50ul #60290-2 100ul

Description

Product Name	PKC alpha (Phospho-Thr497) Antibody
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR4379
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, ICC/IF, IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthesized peptide derived from human Phospho-PKC alpha (T497)
Conjugates	Unconjugated
Calculated MW	Predicted band size: 77 kDa
SDS-PAGE MW	Observed band size: 77 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

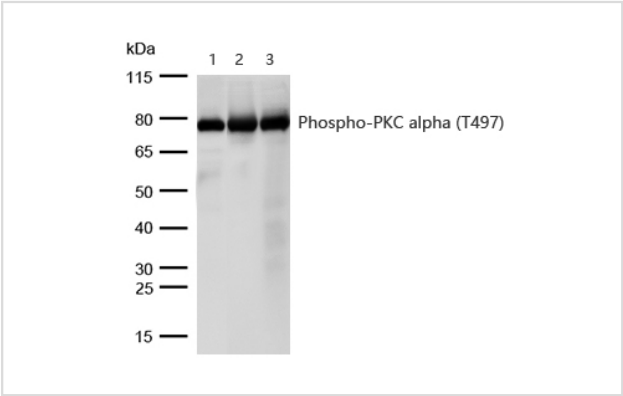
Application Details

WB: 1:500-1:2000

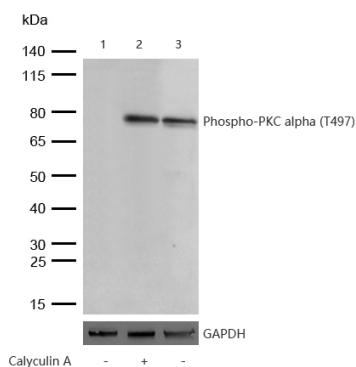
ICC/IF: 1:50-1:200

IHC: 1:50-1:200

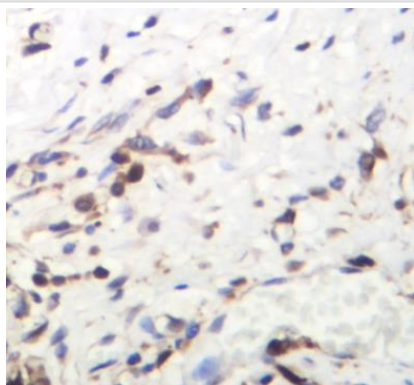
Images



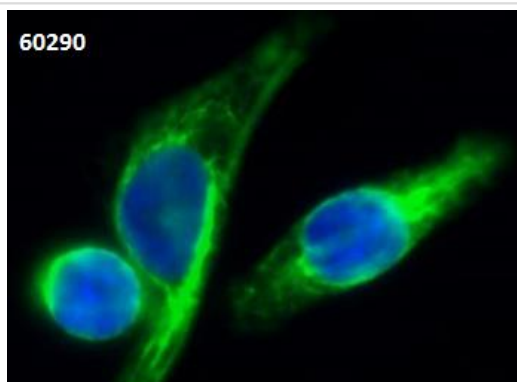
All lanes : PKC alpha (Phospho-Thr497) Rabbit mAb at 1/1k dilution
Lane 1 : Mouse Skin lysates
Lane 2 : Rat Brain lysates
Lane 3 : Rat Skin lysates
Lysates/proteins at 20 µg per lane.
Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
Predicted band size: 77 kDa
Observed band size: 77 kDa
Exposure time: 5 seconds



All lanes : PKC alpha (Phospho-Thr497) Rabbit mAb at 1/1k dilution
 Lane 1 : HeLa whole cell lysates
 Lane 2 : HeLa treated with 100nM Calyculin A for 30min whole cell lysates
 Lane 3 : HepG2 whole cell lysates
 Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 77 kDa
 Observed band size: 77 kDa
 Exposure time: 6 seconds



Formalin-fixed, paraffin-embedded human breast tissue stained for PKC alpha (Phospho-T497) using 60290 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/Immunofluorescence PKC alpha (Phospho-T497) antibody (60290)
 ICC/IF staining of PKC alpha (Phospho-T497) in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 60290 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500. Nuclei were counterstained with DAPI.

Background

PKC alpha is an AGC kinase of the PKC family. A classical PKC downstream of many mitogenic and receptors. Classical PKCs are calcium-dependent enzymes that are activated by phosphatidylserine, diacylglycerol and phorbol esters.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.