PKC gamma (phospho Thr514) antibody

Cat. No. GTX25778

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse, Hamster

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500
IHC-P	1:10-1:100

Not tested in other applications.

Calculated MW 78 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from a region of human PKC-gamma that contains threonine 514
Purification	Purified IgG
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

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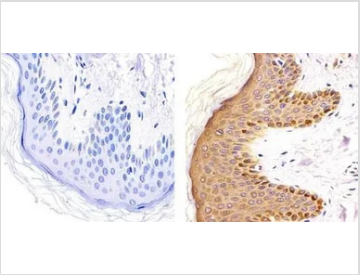
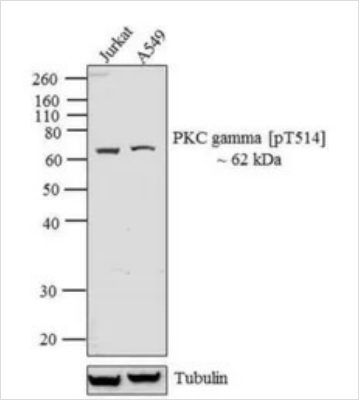
DATA IMAGES



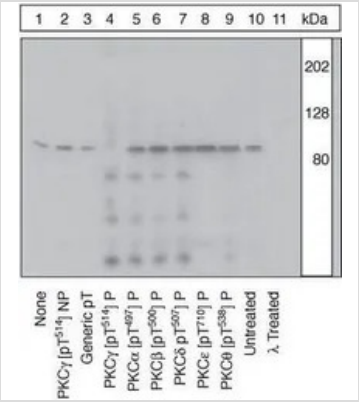
GTX25778 IHC-P Image

IHC-P analysis of human cerebellum tissue using GTX25778 PKC gamma (phospho Thr514) antibody.
Right : Primary antibody
Left : Negative control without primary antibody
Antigen retrieval : 10 mM sodium citrate (pH 6.0), microwaved for 8-15 min
Dilution : 1:20



GTX25778 WB Image

WB analysis of whole cell extracts (30 µg lysate) of Jurkat (Lane 1) and A549 (Lane 2) using GTX25778 PKC gamma (phospho Thr514) antibody.
Dilution : 1:500



GTX25778 WB Image

WB (peptide competition) analysis of HeLa cells stimulated with PMA using GTX25778 PKC gamma (phospho Thr514) antibody prior incubated with the non-phosphopeptide corresponding to the immunogen (Lane 2), a generic phosphothreonine containing peptide (Lane 3), the phosphopeptide immunogen (Lane 4), or, the phosphopeptide corresponding to the immunogen from other PKC isoforms (Lane 5-9). The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody. The membrane treated with phosphatase (Lane 11) eliminates the signal further verifying that the antibody is phospho-specific.

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