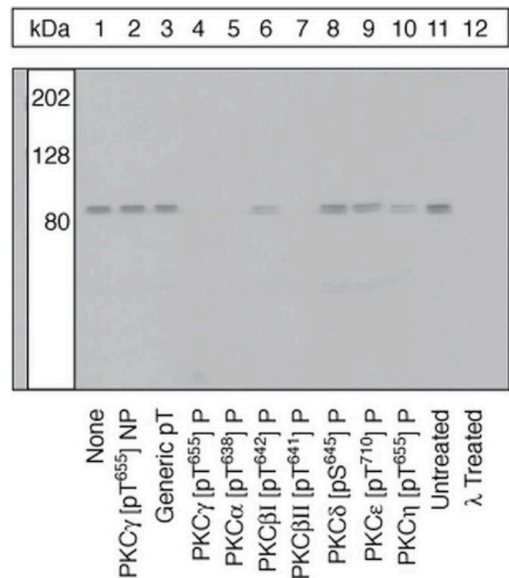


# Phospho-PKC gamma (Thr655) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from a region of human PKC-gamma that contains threonine 655
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.3, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2533811

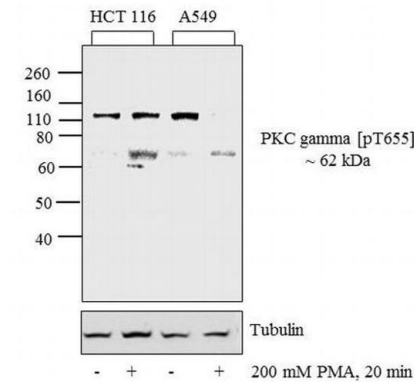
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50	-

Product Images For Phospho-PKC gamma (Thr655) Polyclonal Antibody



Phospho-PKC gamma (Thr655) Antibody (44-965)

Antibody specificity is demonstrated by Peptide Array. Western blotting of Phospho-PKC gamma (Thr655) using anti-Phospho-PKC gamma (Thr655) Polyclonal Antibody (Product # 44-965) shows loss of signal with the specific peptide and not with other relevant peptides. {ARRAY}

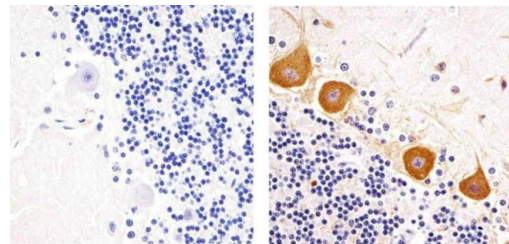


Phospho-PKC gamma (Thr655) Antibody (44-965) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of HCT 116 (Lane 1), HCT 116 treated for 20 minutes with 200 mM of PMA (Lane 2), A549 (Lane 3) and A549 treated for 20 minutes with 200 mM of PMA (lane 4). The blots were probed with Phospho-PKC gamma (Thr655) Rabbit Polyclonal Antibody (Product # 44-965, 1:500) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.4 µg/mL, 1:2500 dilution). A 62 kDa band corresponding to Phospho-PKC gamma (Thr655) was observed across treated cell lines tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 12 % Bis-Tris gel (Product # NP0342BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).

Phospho-PKC gamma (Thr655) Antibody (44-965) in IHC (P)

Immunohistochemistry analysis of Phospho PKC GAMMA (pT655) showing staining in the cytoplasm of paraffin-embedded mouse cerebellum tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a Phospho PKC GAMMA (pT655) Rabbit Polyclonal Antibody (Product # 44-965) diluted in 3% BSA-PBS at a dilution of 1:100 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



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