

PKC alpha antibody

Cat. No. GTX130453

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr
Reactivity	Human, Mouse, Rat, Zebrafish

References (8)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 77 kDa. ([Note](#))

Product Note Based on sequence homology, this antibody may cross react with PKC beta and PKC gamma protein.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.25 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human PKC alpha. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



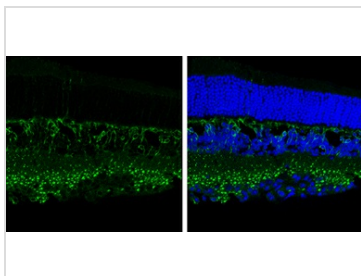
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

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.

DATA IMAGES

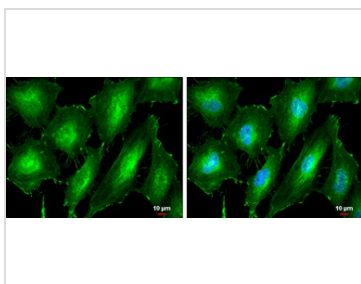
**GTX130453 IHC-Fr Image**

PKC alpha antibody detects PKC alpha protein in the rod bipolar cells by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

Green: PKC alpha protein stained by PKC alpha antibody (GTX130453) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).

**GTX130453 ICC/IF Image**

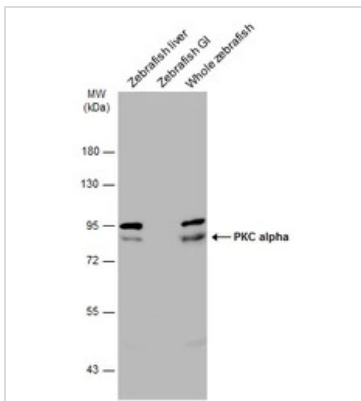
PKC alpha antibody detects PKC alpha protein at cell membrane and cytoplasm by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: PKC alpha protein stained by PKC alpha antibody (GTX130453) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 μ m.

**GTX130453 WB Image**

Various tissue extracts (30 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PKC alpha antibody (GTX130453) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced. (GI: gastrointestinal)



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