

# PKC alpha antibody

**Cat. No. GTX130453**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-Fr
<b>Reactivity</b>	Human, Mouse, Rat, Zebrafish

Reference ( 6 )  
 Package  
 100 µl, 25 µl

## APPLICATION

### 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](#) )

## PROPERTIES

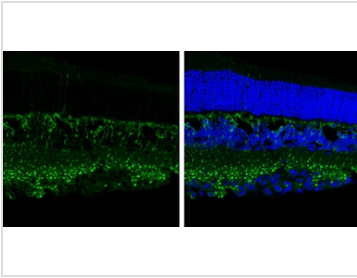
<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple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

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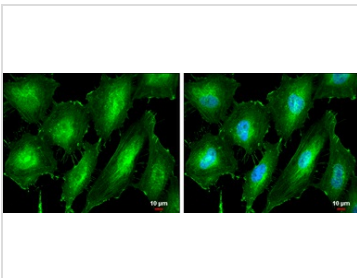
**DATA IMAGES**

**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**

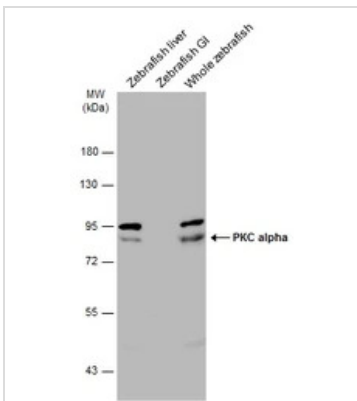
PKC alpha antibody detects PKC alpha protein at cell membrane and cytoplasm by immunofluorescent analysis.

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

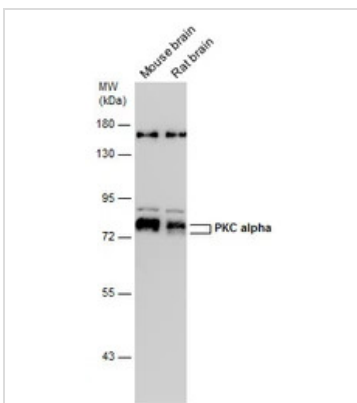
Green: PKC alpha protein stained by PKC alpha antibody (GTX130453) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 μm.


**GTX130453 WB Image**

Various tissue extracts (30 μg) 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)


**GTX130453 WB Image**

Various tissue extracts (50 μg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PKC alpha antibody (GTX130453) diluted at 1:2000.



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