

PKC beta antibody

Cat. No. GTX113252

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, Functional Assay
Reactivity	Human, Rat, Xenopus

References (6)

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-P	1:100-1:1000
Functional Assay	Assay dependent

Not tested in other applications.

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

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 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	0.48 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human PKC beta. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

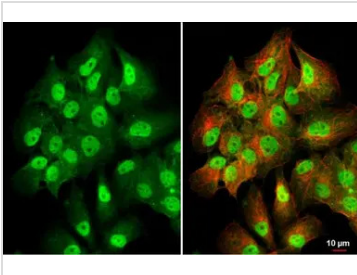


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Note

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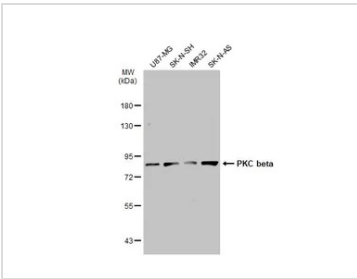
DATA IMAGES

GTXT113252 ICC/IF Image

PKC beta antibody detects PKC beta protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: SK-N-AS cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: PKC beta stained by PKC beta antibody (GTXT113252) diluted at 1:500.

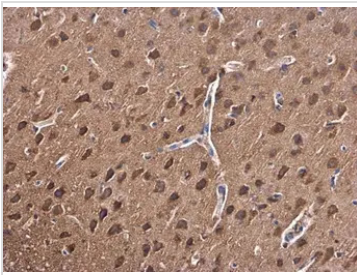
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTXT628802) diluted at 1:1000.


GTXT113252 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with

PKC beta antibody (GTXT113252) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody

(GTXT213110-01) was used to detect the primary antibody.

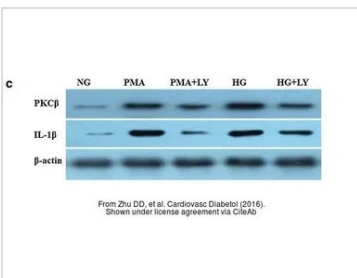

GTXT113252 IHC-P Image

PKC beta antibody detects PKC beta protein at cytoplasm in rat brain by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

PKC beta antibody (GTXT113252) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTXT113252 WB Image

The data was published in the journal Cardiovasc Diabetol in 2016. [PMID: 26944557](https://pubmed.ncbi.nlm.nih.gov/26944557/)



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