PKC ZETA RABBIT PAB

Cat.#: N225393

Product Name: Anti-PKC zeta Rabbit pAb

Synonyms: PRKCZ; PKC2; Protein kinase C zeta type; nPKC-zeta

UNIPROT ID: Q05513

Background: PKC is one of the earliest events in a cascade that controls a variety of cellular responses, including secretion, gene expression, proliferation, and muscle contraction. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters. Subunit of a quaternary complex that plays a central role in epithelial cell polarization.

Immunogen: The antiserum was produced against synthesized peptide derived from human PKC zeta. AA range:526-575

Applications: WB,IHC-F,IHC-P,ICC/IF,ELISA

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 68 kDa; Observed MW: 80 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Human,Mouse,Rat,Monkey

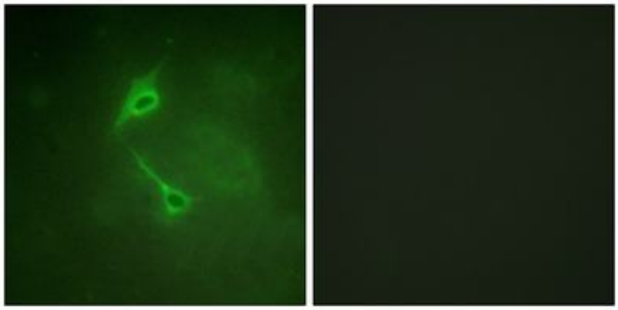
Conjugation: Unconjugated

Modification: Unmodified

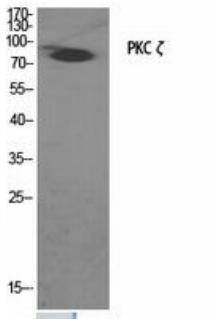
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

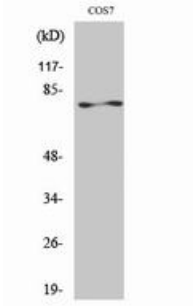
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



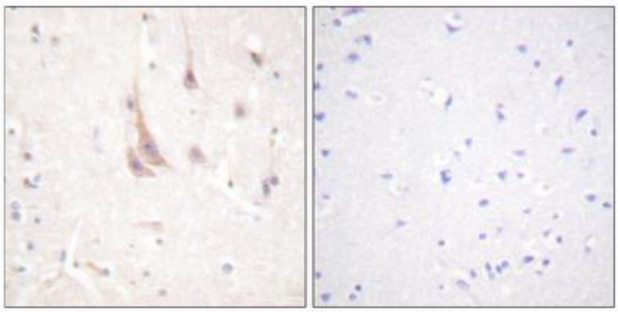
Immunofluorescence analysis of PKC zeta in.NIH/3T3 cells, using PKC zeta antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of PKC zeta in various lysates using PKC zeta antibody.



Western blot analysis of PKC zeta in COS7 lysates using PKC ???? antibody.



Immunohistochemistry analysis of paraffin-embedded Human brain tissue using PKC zeta antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Sample with blocking peptide on the right.