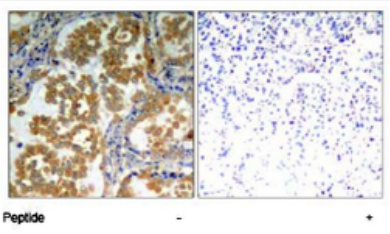
PRKCZ polyclonal antibody

Catalog # PAB5521 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using PRKCZ polyclonal antibody (Cat # PAB5521) .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PRKCZ.
Immunogen	A synthetic peptide corresponding to residues surrounding T410 of human PRKCZ.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using PRKCZ polyclonal antibody (Cat # PAB5521) .

Gene Info — PRKCZ

Entrez GeneID	5590
Gene Name	PRKCZ
Gene Alias	PKC-ZETA, PKC2
Gene Description	protein kinase C, zeta
Omim ID	176982
Gene Ontology	Hyperlink
Gene Summary	Protein kinase C (PKC) zeta is a member of the PKC family of serine/threonine kinases which are involved in a variety of cellular processes such as proliferation, differentiation and secretion. Unlike the classical PKC isoenzymes which are calcium-dependent, PKC zeta exhibits a kinase activity which is independent of calcium and diacylglycerol but not of phosphatidylserine. Furthermore, it is insensitive to typical PKC inhibitors and cannot be activated by phorbol ester. Unlike the classical PKC isoenzymes, it has only a single zinc finger module. These structural and biochemical properties indicate that the zeta subspecies is related to, but distinct from other isoenzymes of PKC. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	OTTHUMP00000001368|OTTHUMP00000044160

Pathway

- Chemokine signaling pathway
- Endocytosis
- Insulin signaling pathway
- Tight junction
- Type II diabetes mellitus

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease

Copyright © 2023 Abnova Corporation. All Rights Reserved.