PKCz(Ab-410) Antibody

Catalog No: #21314

Package Size: #21314-1 50ul #21314-2 100ul #21314-4 25ul

Overview

Product Name	PKCz(Ab-410) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	PKCz
Alternative Names	PKC2; PKC-ZETA; PRKCZ

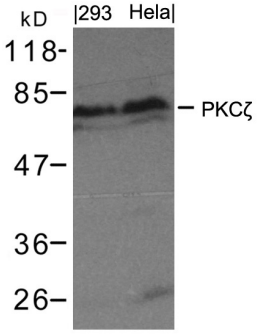
Application Details

Predicted MW: 78kd

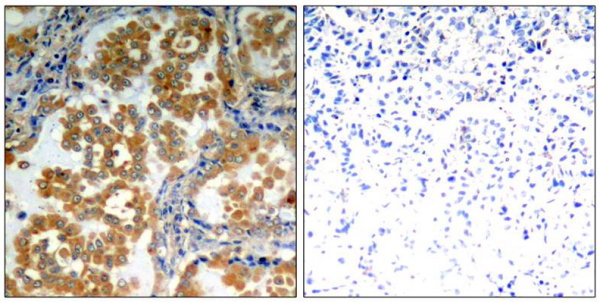
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extract from 293 cells and Hela using PKCz(Ab-410) Antibody #21314.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using PKCz(Ab-410) antibody(#21314).

Descriptions

Immunogen	Peptide sequence around aa. 408~412 (T-S-T-F-C) derived from PKCz
Specificity	The antibody detects endogenous levels of total PKCz protein.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q05513NCBI Protein: NP_002735.3

Related Information

This is a calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. 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.

Parmentier JH, et al. (2004) BMC Cell Biol; 5: 4.
Castrillo A, et al. (2003) Mol Cell Biol; 23(4): 1196-1208.
Paramio JM, et al. (2001) Mol Cell Biol; 21(21): 7449-7459.
Braiman L, et al. (2001) Mol Cell Biol; 21(22): 7852-7861.