

## Anti-PKCz(Ab-410) PRKCZ Antibody

Catalog Number: A01796

### About PRKCZ

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.

### Overview

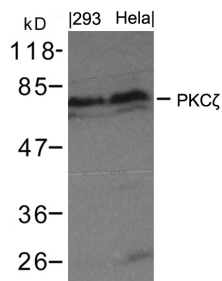
Product Name	Anti-PKCz(Ab-410) PRKCZ Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PKCz(Ab-410) PRKCZ Antibody (Catalog # A01796). Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q05513

### Technical Details

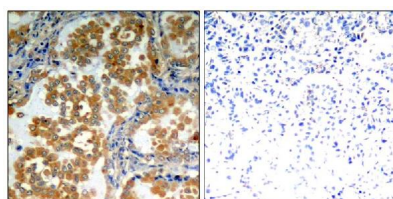
Immunogen	Peptide sequence around aa. 408~412 ( T-S-T-F-C) derived from PKCz
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid

Concentration	1 mg/ml
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Predicted MW: 78kd</p> <p>Western blotting: 1:500~1:1000</p> <p>Immunohistochemistry: 1:50~1:100</p>

## Anti-PKCz(Ab-410) PRKCZ Antibody (A01796) Images



Western blot analysis of extract from 293 cells and HeLa using PKCz(Ab-410) antibody A01796.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using PKCz(Ab-410) antibody (A01796).

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