PRKCA antibody

Product Information

Catalog No.:	FNab06480
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This kinase has been reported to play roles in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. Knockout studies in mice suggest that this kinase may be a fundamental regulator of cardiac contractility and Ca(2+) handling in myocytes.

Immunogen information

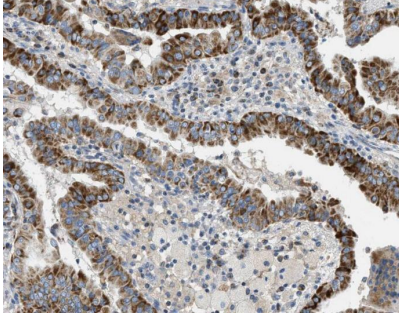|	
Immunogen:	protein kinase C, alpha
Synonyms:	Protein kinase C alpha type (PKC-A, PKC-alpha)|PRKCA|PKCA|PRKACA
Observed MW:	77 kDa
Uniprot ID :	P17252

Application
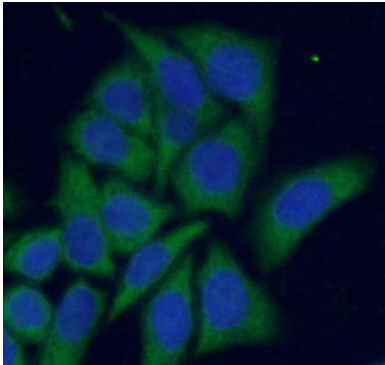
Reactivity:	Human

Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

Image:

Immunohistochemistry of paraffin-embedded human thyroid cancer tissue slide using FNab06480(PRKCA Antibody) at dilution of 1:200

Immunofluorescent analysis of (-20℃ Ethanol) fixed HeLa cells using FNab06480(PRKCA Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)
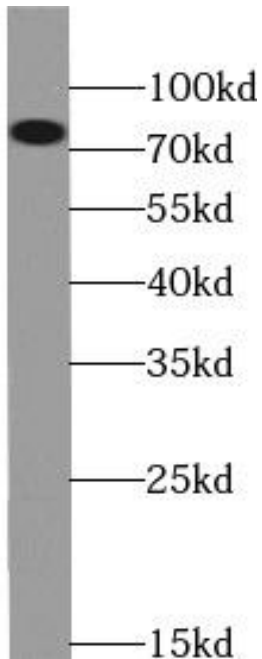
Jurkat cells were subjected to SDS PAGE followed by western blot with FNab06480(PRKCA antibody) at dilution of 1:1000