

PKA C(Phospho-Thr197) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11958
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phospho peptide around human PKA C (Thr197)
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	PKA C
Synonyms	PKA C ;Thr197 ; cAMP-dependent protein kinase catalytic subunit alpha; PKA C-alpha; EC 2.7.11.11

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

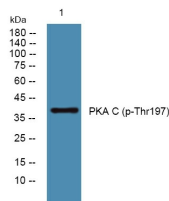
This gene encodes one of the catalytic subunits of protein kinase A| which exists as a tetrameric holoenzyme with two regulatory subunits and two catalytic subunits| in its inactive form. cAMP causes the dissociation of the inactive holoenzyme into a dimer of regulatory subunits bound to four cAMP and two free monomeric catalytic subunits. Four different regulatory subunits and three catalytic subunits have been identified in humans. cAMP-dependent phosphorylation of proteins by protein kinase A is important to many cellular processes| including differentiation| proliferation| and apoptosis. Constitutive activation of this gene caused either by somatic mutations| or genomic duplications of regions that include this gene| have been associated with hyperplasias and adenomas of the adrenal cortex and are linked to corticotropin-independent Cushing's syndrome. Altern

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year