

Anti- PKA α/β CAT (Phospho-Thr197) Polyclonal



Antibody

Catalog No.	Size
A100076-01	50 μ l
A100076-02	100 μ l

Specificity	Anti- PKA α/β CAT (Phospho-Thr197) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC IF
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P17612/P22694

Other Names: cAMP-dependent protein kinase catalytic subunit alpha; PKA C-alpha; PRKACA ;PKACA ; cAMP-dependent protein kinase catalytic subunit beta; PKA C-beta; PRKACB

Specificity and Sensitivity

PKA α/β CAT (Phospho-Thr197) antibody detects endogenous levels of PKA α/β CAT only when phosphorylated at threonine 197.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human PKA α/β CAT around the phosphorylation site of threonine 197 (T-W-T^P-L-C).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100

IF: 1:100~1:500 ELISA: 1:10000

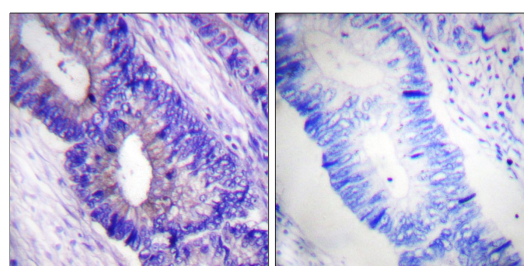
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

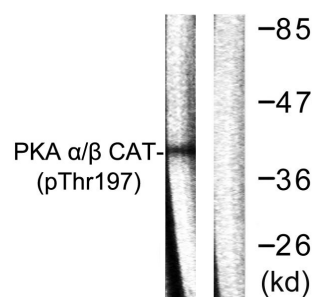
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using PKA α/β CAT (Phospho-Thr197) antibody.



P-peptide - +
Western blot analysis of extracts from mouse brain cells, using PKA α/β CAT (Phospho-Thr197) antibody.