

Anti- PKA CAT (Ab-197) Polyclonal Antibody



Catalog No.	Size
A200060-01	50 µl
A200060-02	100 µl

Specificity	Anti- PKA CAT (Ab-197) (human Mouse Rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC IF
Form	Liquid, 1 mg/ml

Specificity and Sensitivity

Swiss-Prot No.: P17612

Other Names: EC 2.7.11.11, KAPCA, PKA C-alpha, PKA-alpha, PKACA, PRKACA, alpha-catalytic subunit, cAMP-dependent protein kinase, cAMP-dependent protein kinase, alpha-catalytic subunit, kinase PKA C-alpha

Specificity and Sensitivity

PKA CAT (Ab-197) antibody detects endogenous levels of total PKA CAT protein.

Source and Purification

The antiserum was produced against synthesized non-phosphopeptide derived from human PKA CAT around the phosphorylation site of threonine197 (T-W-TP-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: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500

ELISA: 1:20000

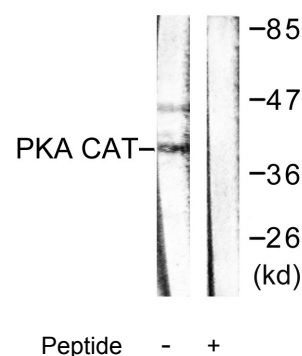
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

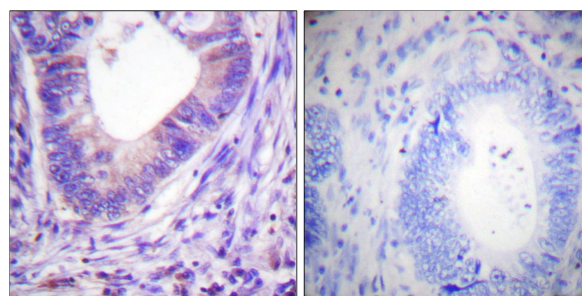
Storage Instructions

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



Western blot analysis of extracts from mouse brain cells, using PKA CAT (Ab-197) antibody.



P-peptide

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Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using PKA CAT (Ab-197) antibody.