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**Product Name: Phospho-PKAC(Thr197) Rabbit Monoclonal Antibody****Catalog #: AMRe84531**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200
<b>Molecular Weight</b>	Calculated MW: 40,41 kDa ; Observed MW: 40 kDa

**Antigen Information**

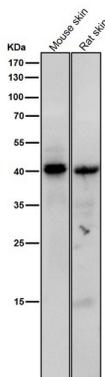
<b>Gene Name</b>	Phospho-PKAC(Thr197) cAMP dependent protein kinase catalytic subunit alpha; cAMP dependent protein kinase catalytic subunit beta; cAMP dependent protein kinase catalytic subunit gamma; PKA C alpha; PKA C beta; PKA C gamma; PKACA; PRKACA; PRKACB; PRKACG;;p-PKA C alpha/beta/gamma (T197)
<b>Alternative Names</b>	
<b>Gene ID</b>	
<b>SwissProt ID</b>	P22612/P17612/P22694
<b>Immunogen</b>	A synthesized peptide derived from human PKA C alpha around the phosphorylation site of T197

## Background

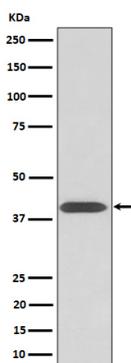
Regulates the abundance of compartmentalized pools of its regulatory subunits through phosphorylation of PJA2 which binds and ubiquitinates these subunits, leading to their subsequent proteolysis.

## Research Area

## Image Data



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of extracts from HeLa cells, using ADCY1 antibody.