BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Phospho-PKA C (Thr197) Rabbit Monoclonal Antibody

Catalog Number: M00743T197

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Overview

Product Name	Anti-Phospho-PKA C (Thr197) Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-PKA C (Thr197) Rabbit Monoclonal Antibody catalog # M00743T197. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal 32P41
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P22612/P17612/P22694

Technical Details

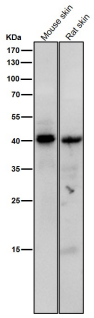
Immunogen	A synthesized peptide derived from human Phospho-PKA C (Thr197)
Isotype	IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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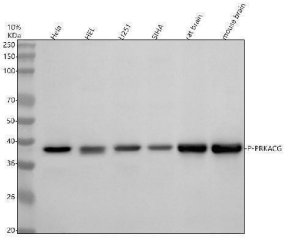
	IHC, 1:50-200

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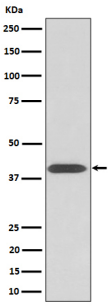
Anti-Phospho-PKA C (Thr197) Rabbit Monoclonal Antibody (M00743T197) Images



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



Western blot analysis of P-PRKACG using anti-P-PRKACG antibody (M00743T197). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human HEL whole cell lysates, Lane 3: human U251 whole cell lysates, Lane 4: human SIHA whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: mouse brain tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-P-PRKACG antigen affinity purified monoclonal antibody (M00743T197) at 1:500 overnight at 4°C, then washed with TBS-10%%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for P-PRKACG at approximately 38 kDa. The expected band size for P-PRKACG is at 40 kDa.



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

For Research Use Only. Not for use in diagnostic procedures.