

Anti-PKC Alpha (Phospho-T638) PRKCA Antibody

Catalog Number: A00743T638-1

About PRKCA

Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.

Ana V. Miletic, J. Biol. Chem., Dec 2006; 281: 38257 - 38265.

Christopher C. Stebbins, Mol. Cell. Biol., Sep 2003; 23: 6291 - 6299.

Vered Schapira, Cancer Res., Jun 2006; 66: 6183 - 6191.

Maya Groysman, J. Biol. Chem., Dec 2002; 277: 50121 - 50130.

Overview

Product Name	Anti-PKC Alpha (Phospho-T638) PRKCA Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PKC Alpha (Phospho-T638) PRKCA Antibody catalog # A00743T638-1. Tested in WB,ICC/IF,IHC,IP applications. This antibody reacts with Human,Mouse,Rat.
Application	IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	P17252

Technical Details

Immunogen	Synthesized peptide derived from human MOR-1 around the phosphorylation site of S375.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:1,000-1:5,000

ICC: 1:50-1:500

IHC: 1:50-1:500

Anti-PKC Alpha (Phospho-T638) PRKCA Antibody (A00743T638-1) Images

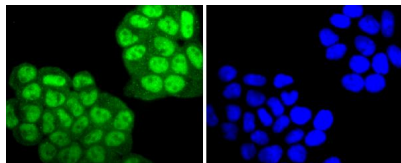


Figure 2. Immunocytochemistry staining of PRKCA using Anti-PKC Alpha (Phospho-T638) PRKCA Antibody (A00743T638-1).

ICC staining Phospho-PKC alpha(T638) in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

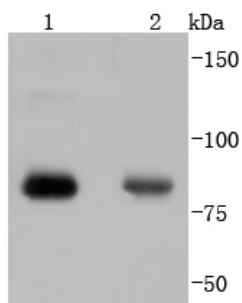


Figure 1. Western blotting validation for Anti-PKC Alpha (Phospho-T638) PRKCA Antibody A00743T638-1

Western blot analysis of Phospho-PKC alpha(T638) on different lysates using anti-Phospho-PKC alpha(T638) antibody at 1/1

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