

Anti-Rho A Antibody

Catalog Number: A00207-1

About RHOA

Acetylates histones, giving a specific tag for transcriptional activation. Also acetylates non-histone proteins, like NCOA3 and FOXO1. Binds specifically to phosphorylated CREB and enhances its transcriptional activity toward cAMP-responsive genes. Acts as a coactivator of ALX1 in the presence of EP300. Acts as a circadian transcriptional coactivator which enhances the activity of the circadian transcriptional activators: NPAS2-ARNTL/BMAL1 and CLOCK-ARNTL/BMAL1 heterodimers.

Zoi Lygerou, Nucleic Acids Res., Feb 1994; 22: 5332 - 5340.

Karsten Grote, J. Biol. Chem., Dec 2004; 279: 55675 - 55681.

Kumi Nagamoto-Combs, J. Biol. Chem., Feb 1997; 272: 6051.

Stephen J. Elliman, Isaac, J. Biol. Chem., Jan 2006; 281: 16 -19

Overview

Product Name	Anti-Rho A Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Rho A Antibody catalog # A00207-1. Tested in WB,IHC,IP applications. This antibody reacts with Human,Mouse,Rat.
Application	IP, IHC, 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	P61586

Technical Details

Immunogen	Synthesized peptide derived from human CREB-BP.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid

Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
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: 1:500-1:2000 IHC: 1:50-1:200 IP: 1:50-1:200

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