

Anti-Transforming protein RhoA RhoA Antibody

Catalog Number: A00207-2

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

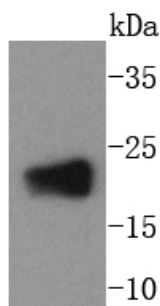
Product Name	Anti-Transforming protein RhoA RhoA Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Transforming protein RhoA RhoA Antibody catalog # A00207-2. Tested in WB,ICC/IF,Flow Cytometry applications. This antibody reacts with Human,Mouse,Rat.
Application	Flow Cytometry, IF, 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	P61586

Technical Details

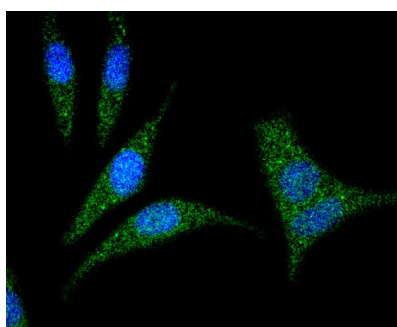
Immunogen	Synthesized peptide derived from human CREB-BP.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid

Concentration	1 mg/ml
Purification	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: 1:1,000-1:2,000 ICC: 1:50-1:200 FC: 1:50-1:100

Anti-Transforming protein RhoA RhoA Antibody (A00207-2) Images



Western blot analysis of RhoA on rat brain lysates using anti-RhoA antibody at 1/1,000 dilution.



ICC staining RhoA in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Transforming protein RhoA RhoA Antibody