BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Protein BANP BANP Antibody

Catalog Number: A05764

About BANP

BANP was initially identified as a binding protein to BTG3 in a yeast two-hybrid screen. BANP acts as a tumor suppressor by stabilizing p53 expression and leading to cell cycle arrest. p53 in turn binds to upstream elements of the BANP promoter, thereby forming a feedback loop. BANP is down-regulated in advanced stages of human breast cancer, and its overexpression in breast cancer cell lines inhibits their ability to metastasize by modulating TGF-beta signaling. Furthermore, BANP can modulate NF-kappaB transactivation and can inhibit tumorigenesis by regulating NF-kappaB target genes. Recent experiments have shown that BANP can also repress HIV-1 LTR mediated transcription by tethering the LTR matrix attachment region to nuclear matrix.

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Overview

Product Name	Anti-Protein BANP BANP Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Protein BANP BANP Antibody (Catalog # A05764). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	BANP Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	BANP antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8N9N5

Technical Details

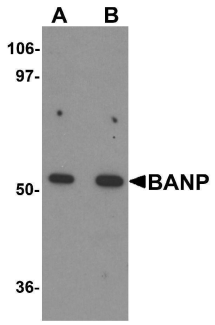
Immunogen	BANP antibody was raised against a 14 amino acid synthetic peptide near the center of human BANP. The immunogen is located within amino acids 300 - 350 of BANP.
Predicted Reactive Species	Bovine

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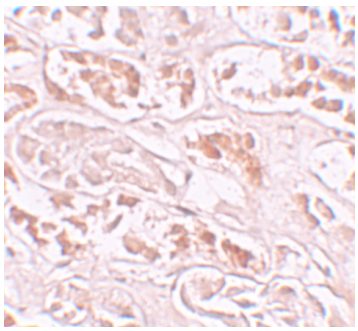
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	BANP Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	BANP antibody can be used for detection of BANP by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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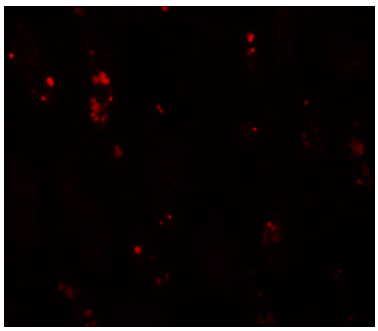
Anti-Protein BANP BANP Antibody (A05764) Images



Western blot analysis of BANP in mouse kidney tissue lysate with BANP antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of BANP in human kidney tissue with BANP antibody at 10 ug/mL.



Immunofluorescence of BANP in human kidney tissue with BANP antibody at 20 ug/mL.

Anti-Protein BANP BANP Antibody

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