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Datasheet for ABIN6991411  
**anti-BANP antibody (AA 300-350)**

### Overview

Quantity:	0.1 mg
Target:	BANP
Binding Specificity:	AA 300-350
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BANP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product 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.
Isotype:	IgG
Purification:	BANP Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	BANP
Alternative Name:	BANP ( <a href="#">BANP Products</a> )
Background:	BANP Antibody: 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

## Target Details

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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-κB transactivation and can inhibit tumorigenesis by regulating NF-κB 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.

Gene ID: 54971

NCBI Accession: [NP\\_001167014](#)

UniProt: [Q8N9N5](#)

## Application Details

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Application Notes: BANP antibody can be used for detection of BANP by Western blot at 1 - 2 μg/mL. Antibody can also be used for immunohistochemistry starting at 10 μg/mL. For immunofluorescence start at 20 μg/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.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: BANP Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: BANP antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.