

Rabbit BANP Polyclonal Antibody | anti-BANP antibody

BANP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304188	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

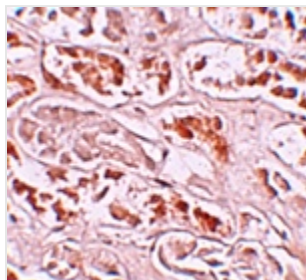
PRODUCT SYNONYMS

BANP; Polyclonal Antibody; BANP Antibody; BTG3 associated nuclear protein; BEND1; SMAR1; SMARBP1; anti-BANP antibody

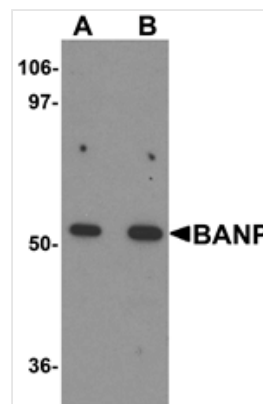
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	519
Applicable Applications for anti-BANP antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide near the center of human BANP.
Target Name	BANP
Preparation and Storage	Can be stored at -20 degree C, stable for 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.

IMAGES



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-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 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-kB transactivation and can inhibit tumorigenesis by regulating NF-kB 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.
Product Categories/Family for anti-BANP antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	291084803
NCBI GeneID	54971
NCBI Accession #	NP_001167014
NCBI GenBank Nucleotide #	NM_001173543.1
Molecular Weight	55,502 Da
NCBI Official Full Name	protein BANP isoform g
NCBI Official Synonym Full Names	BTG3 associated nuclear protein
NCBI Official Symbol	BANP
NCBI Official Synonym Symbols	BEND1; SMAR1; SMARBP1
NCBI Protein Information	protein BANP
UniProt Protein Name	Protein BANP
UniProt Gene Name	BANP
UniProt Synonym Gene Names	BEND1; SMAR1
UniProt Entry Name	BANP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/banp-antibody-immunohistochemistry-western-blot-elisa/304188>