

BANP Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21960a

Specification

BANP Antibody (N-Term) - Product Information

Application Primary Accession Other Accession Reactivity Predicted Host Clonality Isotype Calculated MW WB,E <u>O8N9N5</u> <u>O0VCW3</u>, <u>O8VBU8</u> Human Bovine, Mouse Rabbit polyclonal Rabbit IgG 56494

BANP Antibody (N-Term) - Additional Information

Gene ID 54971

Other Names Protein BANP, BEN domain-containing protein 1, Btg3-associated nuclear protein, Scaffold/matrix-associated region-1-binding protein, BANP, BEND1, SMAR1

Dilution WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions BANP Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

BANP Antibody (N-Term) - Protein Information

Name BANP

Synonyms BEND1, SMAR1

Function Controls V(D)J recombination during T-cell development by repressing T-cell receptor (TCR) beta enhancer function. Binds to scaffold/matrix attachment region beta (S/MARbeta), an ATC-rich DNA sequence located upstream of the TCR beta enhancer. Represses cyclin D1



transcription by recruiting HDAC1 to its promoter, thereby diminishing H3K9ac, H3S10ph and H4K8ac levels. Promotes TP53 activation, which causes cell cycle arrest (By similarity).

Cellular Location Nucleus.

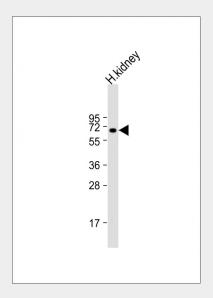
Tissue Location Down-regulated in breast cancer cell lines.

BANP Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

BANP Antibody (N-Term) - Images



Anti-BANP Antibody (N-Term) at 1:2000 dilution + human kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 56 kDa Blocking/Dilution buffer: 5% NFDM/TBST.