

BANP Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21960a

Specification

BANP Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	Q8N9N5
Other Accession	Q0VCW3 , Q8VBU8
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	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.

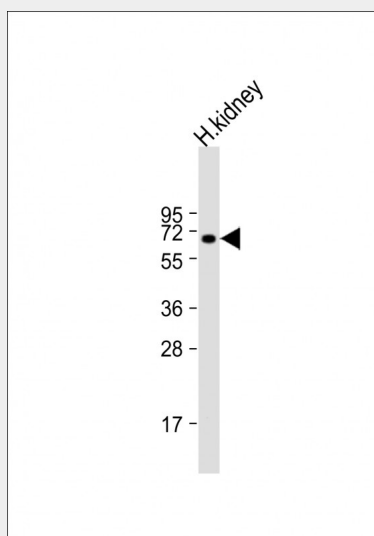
Tissue Location

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.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BANP Antibody (N-Term) - Images

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