

Datasheet for ABIN4906466

anti-BANP antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	BANP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BANP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This BANP antibody is generated from a mouse immunized with a recombinant protein between 30-390 amino acids from human BANP.
Clone:	4C2
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

Target Details

Target:	BANP
Alternative Name:	BANP (BANP Products)
Background:	Synonyms: BEND1, SMAR1, SMARBP1, Protein BANP, BEN domain-containing protein 1, Btg3-

Target Details

associated nuclear protein, Scaffold/matrix-associated region-1-binding protein, BANP

Background: 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 'Ser-15' phosphorylation and nuclear accumulation, which causes cell cycle arrest (By similarity).

Gene ID: 54971

UniProt: [Q8N9N5](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

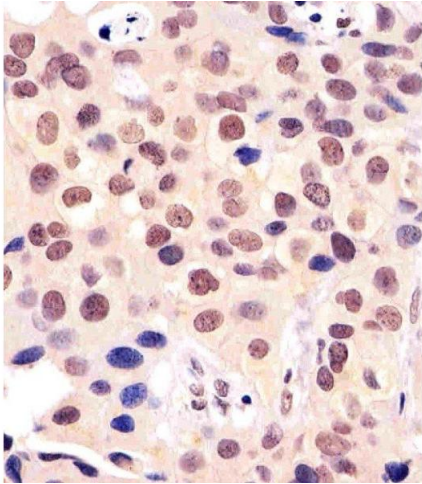
Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Western Blotting

Image 1. Paraformaldehyde-fixed, paraffin embedded human breast carcinoma, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with BANP (1524CT337.6.32) Monoclonal Antibody (bsm-51349M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.