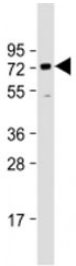
BANP Antibody [clone 1524CT337.6.32] (F53808)

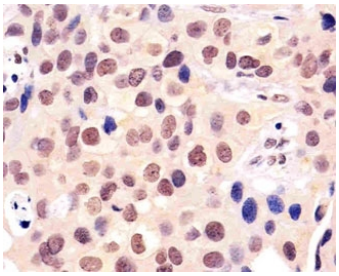
Catalog No.	Formulation	Size
F53808-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53808-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	1524CT337.6.32
Purity	Protein G affinity chromatography
UniProt	Q8N9N5
Applications	Western blot: 1:500-1000 IHC (FFPE): 1:25
Limitations	This BANP antibody is available for research use only.



Western blot testing of human HeLa cell lysate with BANP antibody at 1:1000. Predicted molecular weight: 56 kDa, observed here at ~70 kDa.



IHC testing of FFPE human breast carcinoma with BANP antibody at 1:25. HIER: steamed in pH6 citrate buffer.

Description

Btg3-associated nuclear protein 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).

Application Notes

Titration of the BANP antibody may be required due to differences in protocols and substrate sensitivity.

Immunogen

A human recombinant protein of amino acids 30-390 was used as the immunogen for the BANP antibody.

Storage

Aliquot the BANP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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