

BANP Antibody

Catalog_no :	AB3566
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This BANP antibody is generated from a mouse immunized with a recombinant protein between 30-390 amino acids from human BANP.
Dilution :	IHC-P,1:25;WB,1:1000;
Other_name :	Protein BANP, BEN domain-containing protein 1, Btg3-associated nuclear protein, Scaffold/matrix-associated region-1-binding protein, BANP, BEND1, SMAR1
Isotype :	IgG1, κ
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).
reference :	Ota T.,et al.Nat. Genet. 36:40-45(2004). Martin J.,et al.Nature 432:988-994(2004). Birot A.-M.,et al.Gene 253:189-196(2000). Rampalli S.,et al.Mol. Cell. Biol. 25:8415-8429(2005). Olsen J.V.,et al.Sci. Signal. 3:RA3-RA3(2010).