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anti-BANP antibody (AA 30-390)





Overview	
Quantity:	200 μL
Target:	BANP
Binding Specificity:	AA 30-390
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:	1524CT337-6-32
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Target Details	
Target Details	
Target:	BANP
Alternative Name:	BANP (BANP Products)
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).

Molecular Weight: 56494

UniProt: Q8N9N5

Application Details

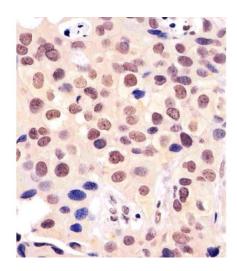
Application Notes: WB: 1:1000. IHC-P: 1:25

Restrictions: For Research Use only

Handling

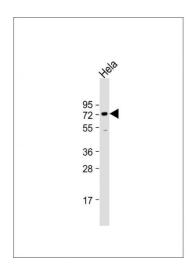
Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6242199 and ABIN6577161) staining BANP in human breast carcinoma tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0. 5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted



biotinylated goat polyvalent antibody was used as the secondary antibody.

Western Blotting

Image 2. Anti-BANP Antibody at 1:1000 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 56 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.