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Datasheet for ABIN7453906 **anti-BANP antibody (C-Term)**

Overview

Quantity:	100 µg
Target:	BANP
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BANP antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-SMAR1/BANP Antibody, Affinity Purified
Immunogen:	between AA 425 and C-term
Isotype:	IgG
Predicted Reactivity:	Bovine
Purification:	Affinity Purified

Target Details

Target:	BANP
Alternative Name:	SMAR1/BANP (BANP Products)

Target Details

Background: Background: SMAR1/BANP was identified as a protein that binds the scaffold/matrix associated region of the T-cell receptor beta locus (SMAR1) and as a protein that interacts with BTG3, a member of structurally related proteins that regulate cell proliferation (BANP- BTG-associated nuclear protein). SMAR1/BANP is a DNA binding protein that is reported to be a tumor suppressor and transcriptional repressor. SMAR1/BANP can down-regulate cyclin D1 transcription by binding to the cyclin D1 promoter and through its interaction with HDAC1 (histone deacetylase 1). SMAR1 has also been shown to interact with p53 and modulate its activity.

Gene ID: 54971

UniProt: [Q8N9N5](#), [Q96GJ7](#)

Application Details

Application Notes: IHC: 1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
IP: 1:500 - 1:2,500
WB: 1:10,000 - 1:25,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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

Expiry Date: 12 months