

# BAZ2A antibody (pAb)

Catalog No.: RA9022

## Basic Information

### Molecular weight

270 kDa

### Category

Polyclonal antibody

### Applications

IF, WB

### Cross-Reactivity

Human

## Background

BAZ2A (Bromodomain Adjacent To Zinc Finger Domain, 2A) is an essential component of the NoRC (nucleolar remodeling complex) complex, a complex that mediates silencing of a fraction of rDNA by recruiting histone-modifying enzymes and DNA methyltransferases, leading to heterochromatin formation and transcriptional silencing. In the complex, it plays a central role by being recruited to rDNA and by targeting chromatin modifying enzymes such as HDAC1, leading to repress RNA polymerase I transcription. Recruited to rDNA via its interaction with TTF1 and its ability to recognize and bind histone H4 acetylated on 'Lys-16' (H4K16ac), leading to deacetylation of H4K5ac, H4K8ac, H4K12ac but not H4K16ac. Specifically binds pRNAs, 150-250 nucleotide RNAs that are complementary in sequence to the rDNA promoter; pRNA-binding is required for heterochromatin formation and rDNA silencing (By similarity).

## Recommended Dilutions

WB 1:500-1:1000

## Product Information

<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity Purified
<b>Storage buffer</b>	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
<b>Storage Conditions</b>	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

Note: For in vitro research use only, not for diagnostic or therapeutic use, This product is not a medical device.

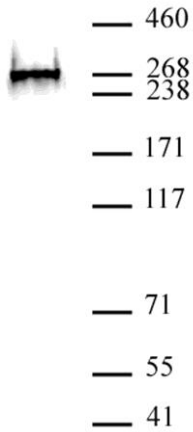
注意:在体外研究使用, 不用于诊断或治疗用途, 本产品不是医疗装置!

Web:www.ruisbio.com

Tel:400-689-7068

Sales: sales@ruisbio.com





BAZ2A antibody (pAb) tested by Western blot.  
BAZ2A antibody detection by Western blot. The analysis was performed using 40 ug of HeLa nuclear extract and BAZ2A at a 1:500 dilution.

Note: For in vitro research use only, not for diagnostic or therapeutic use, This product is not a medical device.

注意:在体外研究使用, 不用于诊断或治疗用途, 本产品不是医疗装置!

Web: [www.ruisbio.com](http://www.ruisbio.com)

Tel: 400-689-7068

Sales: [sales@ruisbio.com](mailto:sales@ruisbio.com)

