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Datasheet for ABIN7145797

**anti-BAZ2A antibody (AA 97-266) (Biotin)**

## Overview

Quantity:	100 µg
Target:	BAZ2A
Binding Specificity:	AA 97-266
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAZ2A antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Bromodomain adjacent to zinc finger domain protein 2A protein (97-266AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	BAZ2A
Alternative Name:	BAZ2A ( <a href="#">BAZ2A Products</a> )
Background:	Background: Essential component of the NoRC (nucleolar remodeling complex) complex, a

## Target Details

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).

Aliases: BAZ2A antibody, KIAA0314 antibody, TIP5Bromodomain adjacent to zinc finger domain protein 2A antibody, Transcription termination factor I-interacting protein 5 antibody, TTF-I-interacting protein 5 antibody, Tip5 antibody, hWALp3 antibody

UniProt: [Q9UIF9](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.