Datasheet for ABIN2169796

anti-BAZ1A antibody (PE)

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Overview

Quantity:	100 µL
Target:	BAZ1A
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAZ1A antibody is conjugated to PE
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ATP utilizing chromatin assembly and remodeling factor 1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	BAZ1A
Alternative Name:	Acf1 (BAZ1A Products)
Background:	Synonyms: BAZ1A, Acf1, ACF1, drosophila, homolog of antibody ATP dependent chromatin

Target Details

	remodelling protein, ATP utilizing chromatin assembly and remodeling factor 1, ATP-dependent chromatin-remodeling protein, ATP-utilizing chromatin assembly and remodeling factor 1, Baz1a, BAZ1A_HUMAN, Bromodomain adjacent to zinc finger domain 1A, Bromodomain adjacent to zinc finger domain protein 1A, cbp146, CHRAC subunit ACF1, Gtl5. Background: Component of the ACF complex, an ATP-dependent chromatin remodeling complex, that regulates spacing of nucleosomes using ATP to generate evenly spaced nucleosomes along the chromatin. The ATPase activity of the complex is regulated by the length of flanking DNA. Also involved in facilitating the DNA replication process. BAZ1A is the accessory, non-catalytic subunit of the complex which can enhance and direct the process provided by the ATPase subunit, SMARCA5, probably through targeting pericentromeric heterochromatin in late S phase. Moves end-positioned nucleosomes to a predominantly central position. May have a role in nuclear receptor-mediated transcription repression.Component of the histone-fold protein complex CHRAC complex which faciliates nucleosome sliding by the ACF complex and enhances ACF-mediated chromatin assembly. The C-terminal regions of both CHRAC1 and POLE1 are required for these functions.
Gene ID:	11177
UniProt:	Q9NRL2

Application Details

Application Notes:	FCM: (1:20-100) Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.