

## BAZ1A Conjugated Antibody

Catalog No: #C37079



Package Size: #C37079-AF350 100ul #C37079-AF405 100ul #C37079-AF488 100ul  
 #C37079-AF555 100ul #C37079-AF594 100ul #C37079-AF647 100ul  
 #C37079-AF680 100ul #C37079-AF750 100ul #C37079-Biotin 100ul

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## Description

Product Name	BAZ1A Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total BAZ1A protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human bromodomain adjacent to zinc finger domain, 1A
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ACF1; WALp1; hACF1; WCRF180
Accession No.	Swiss-Prot#:Q9NRL2NCBI Gene ID:11177NCBI Protein#:NP_000009
Uniprot	Q9NRL2
GeneID	11177;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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Bromodomain adjacent to zinc finger domain protein 1A is a protein that in humans is encoded by the BAZ1A gene. 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.

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Note: This product is for in vitro research use only