

For Research Use Only

# BAZ2A Recombinant antibody

Catalog Number: 82910-1-RR



## Basic Information

<b>Catalog Number:</b> 82910-1-RR	<b>GenBank Accession Number:</b> NM_013449.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11176	<b>CloneNo.:</b> 230205H8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UIF9	<b>Recommended Dilutions:</b> IF/ICC 1:250-1:1000
<b>Isotype:</b> IgG	<b>Full Name:</b> bromodomain adjacent to zinc finger domain, 2A	
<b>Immunogen Catalog Number:</b> AG33963	<b>Calculated MW:</b> 211 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, ELISA	<b>Positive Controls:</b> IF/ICC : HepG2 cells, A549 cells
<b>Species Specificity:</b> Human	

## Background Information

BAZ2A (bromodomain adjacent to zinc finger domain 2A), also known as TIP5. It is expected to be located in nucleus, and the protein is expressed at moderate levels in most tissues analyzed, including heart, brain, placenta, lung, skeletal muscle, kidney and pancreas. BAZ2A is an epigenetic regulator affecting transcription of ribosomal RNA, it is also a regulatory subunit of the ATP-dependent NoRC-1 and NoRC-5 ISWI chromatin remodeling complexes, which form ordered nucleosome arrays on chromatin and facilitate access to DNA during DNA-templated processes such as DNA replication, transcription, and repair (PubMed:28801535). The calculated molecular weight of BAZ2A is 210 kDa.

## Storage

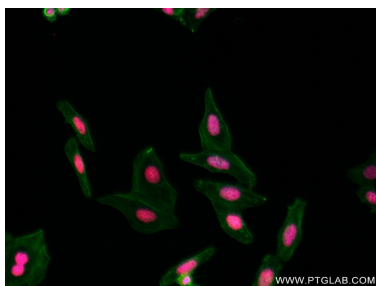
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

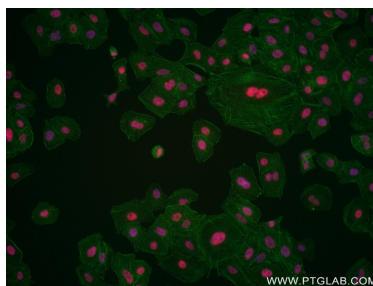
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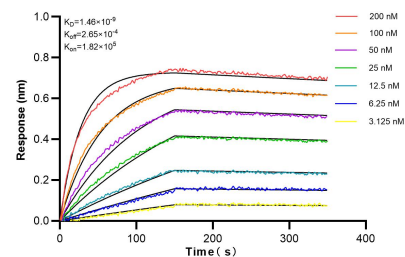
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using BAZ2A antibody (82910-1-RR, Clone: 230205H8) at dilution of 1:500 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM004). (CL488-Phalloidin, green).



Immunofluorescent analysis of (4% PFA) fixed A549 cells using BAZ2A antibody (82910-1-RR, Clone: 230205H8) at dilution of 1:500 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM004). (CL488-Phalloidin, green).



Biolayer interferometry (BLI) kinetic assays of 82910-1-RR against Human BAZ2A were performed. The affinity constant is 1.46 nM.