

# BAZ2A Polyclonal antibody

Catalog Number: 30984-1-AP

## Basic Information

**Catalog Number:**

30984-1-AP

**Size:**

450 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG33963

**GenBank Accession Number:**

NM\_013449.4

**GeneID (NCBI):**

11176

**UNIPROT ID:**

Q9UIF9

**Full Name:**

bromodomain adjacent to zinc finger domain, 2A

**Calculated MW:**

211 kDa

**Observed MW:**

250-270 kDa

**Purification Method:**

Antigen affinity Purification

**Recommended Dilutions:**

WB 1:2000-1:16000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human, mouse

**Positive Controls:**

WB : HEK-293T cells, HeLa cells, PC-3 cells, NIH/3T3 cells

## 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:**

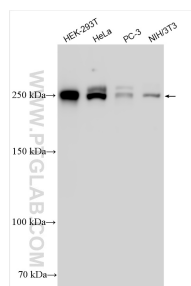
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30984-1-AP (BAZ2A antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.