

For Research Use Only

# ZNF644 Polyclonal antibody, PBS Only

Catalog Number: 25956-1-PBS



## Basic Information

### Catalog Number:

25956-1-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG22798

### GenBank Accession Number:

BC063683

### GeneID (NCBI):

84146

### UNIPROT ID:

Q9H582

### Full Name:

zinc finger protein 644

### Calculated MW:

1327 aa, 150 kDa

### Observed MW:

175 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human

## Background Information

G9a/GLP complex is associated with Polycomb Repressive Complex 2 (PRC2). The G9a/GLP complex also regulates DNA methylation during early embryogenesis, which is independent of their methyltransferase activity. ZNF644 and WIZ, two zinc finger proteins, interact with G9a and GLP, respectively. These two zinc finger proteins target G9a and GLP to genomic loci for the regulation of gene transcription.

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

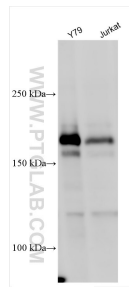
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25956-1-AP (ZNF644 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25956-1-PBS in a different storage buffer formulation.