

For Research Use Only

ZNF644 Polyclonal antibody

Catalog Number: 25956-1-AP



Basic Information

Catalog Number:

25956-1-AP

Size:

150ul, Concentration: 250 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;

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

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Y79 cells, Jurkat cells

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 -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

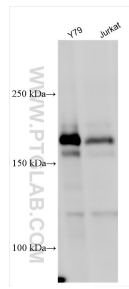
For technical support and original validation data for this product please contact:

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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.