

For Research Use Only

# ZFP64 Polyclonal antibody

Catalog Number: 17187-1-AP **1 Publications**



## Basic Information

**Catalog Number:**

17187-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG10971

**GenBank Accession Number:**

BC041622

**GeneID (NCBI):**

55734

**UNIPROT ID:**

Q9NTW7

**Full Name:**

zinc finger protein 64 homolog (mouse)

**Calculated MW:**

681 aa, 75 kDa

**Observed MW:**

70 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

ChIP

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

**Positive Controls:**

WB: mouse spleen tissue, HEK-293 cells

## Background Information

ZFP64 (also known as ZNF338) is a member of the Krüppel C2H2-type zinc finger family. ZFP64 is a coactivator of Notch1, mediating mesenchymal cell differentiation. ZFP64 expression was up-regulated in mouse peritoneal macrophages in response to stimulation with the TLR4 ligand LPS with a 2-fold increase. The MLL gene encoding the MLL fusion protein is easily activated by ZFP64. ZFP64 is essential for the continuous production of MLL fusion proteins in blood cancer and produces more cancer cells. Since ZFP64 deletion completely and specifically inhibits MLL fusion protein production and leukemia cascade growth, it is an ideal drug target.

## Notable Publications

Author	Pubmed ID	Journal	Application
Bin Lu	30503706	Cancer Cell	ChIP

## 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

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

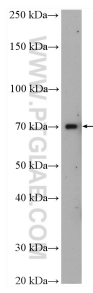
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## Selected Validation Data



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 17187-1-AP (ZFP64 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.