

For Research Use Only

ZMAT3 Polyclonal antibody

Catalog Number: 10504-1-AP

8 Publications



Basic Information

Catalog Number:

10504-1-AP

Size:

150ul, Concentration: 1100 ug/ml by

Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0780

GenBank Accession Number:

BC002896

GeneID (NCBI):

64393

UNIPROT ID:

Q9HA38

Full Name:

zinc finger, matrin type 3

Calculated MW:

32 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : COLO 320 cells, rat testis tissue, HEK-293 cells, HepG2 cells, mouse testis tissue

IP : mouse testis tissue,

Background Information

ZMAT3 is a p53-induced zinc finger protein, and a role in the TP53-dependent growth regulatory pathway, contribute to TP53-mediated apoptosis by regulation of TP53 expression and translocation to the nucleus and nucleolus. Acts as a bona fide target gene of p53/TP53.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuan Zhang	30833572	Cell Death Dis	WB
Xin Yang	35850611	J Physiol Sci	WB
Jian Zhang	33439503	J Cell Mol Med	WB

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

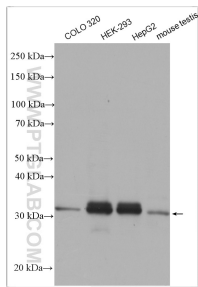
For technical support and original validation data for this product please contact:

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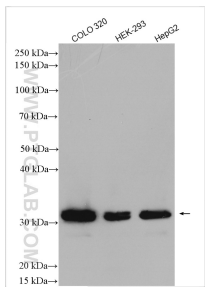
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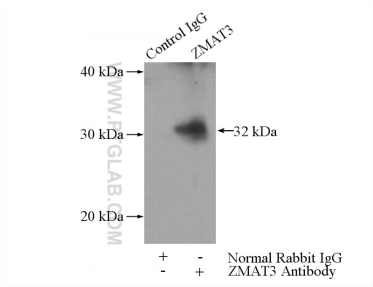
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10504-1-AP (ZMAT3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



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IP result of anti-ZMAT3 (IP:10504-1-AP, 3ug; Detection:10504-1-AP 1:700) with mouse testis tissue lysate 4000ug.