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# ZNF143 Polyclonal antibody

Catalog Number:16618-1-AP Featured Product 15 Publications

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## Basic Information

Catalog Number:
16618-1-AP

Concentration:
500 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG9914

GenBank Accession Number:
BC020219

GeneID (NCBI):
7702

UNIPROT ID:
P52747

Full Name:
zinc finger protein 143

Calculated MW:
626 aa, 68 kDa

Observed MW:
68 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:2000

## Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB, IHC, IF, IP, CoIP, ChIP

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat

Positive Controls:

WB : HepG2 cells, mouse brain tissue

## Background Information

Zinc finger protein143(ZNF143) contains a separete acidic activation and 7 zinc finger domains. It's a transcription factor that required for activation of the majority of vertebrate snRNA and snRNA-type genes, which transcribed by RNA pol II and pol III. Also, it binds to the SPH motif of small nuclear RNA (snRNA) gene promoters and participates in efficient U6 RNA polymerase III transcription via its interaction with CHD8

## Notable Publications

| Author | Pubmed ID | Journal | Application |
|---|---|---|---|
| J Brandon Parker | 25437553 | Cell Rep | WB, ChIP |
| Yoon Hee Jung | 31056445 | Mol Cell | chIP |
| Zhenyu Wang | 35847937 | Front Oncol | WB,ChIP |

## Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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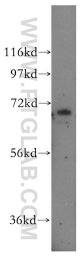
## Selected Validation Data




HepG2 cells were subjected to SDS PAGE followed by western blot with 16618-1-AP (ZNF143 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.