

For Research Use Only

# ZNF143 Polyclonal antibody

Catalog Number: 16618-1-AP

Featured Product

11 Publications



## Basic Information

<b>Catalog Number:</b> 16618-1-AP	<b>GenBank Accession Number:</b> BC020219	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7702	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> zinc finger protein 143	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 626 aa, 68 kDa	
<b>Immunogen Catalog Number:</b> AG9914	<b>Observed MW:</b> 68 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, mouse brain tissue
<b>Cited Applications:</b> ChIP, CoIP, IF, IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, rat, mouse	

## Background Information

Zinc finger protein143(ZNF143) contains a separate 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 pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

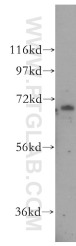
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.