

For Research Use Only

# DZIP3 Polyclonal antibody

Catalog Number: 33563-1-AP



## Basic Information

<b>Catalog Number:</b> 33563-1-AP	<b>GenBank Accession Number:</b> BC063882	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 490 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9666	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000 IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC: 1:200-1:800 IF/ICC: 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86Y13	
<b>Isotype:</b> IgG	<b>Full Name:</b> DAZ interacting protein 3, zinc finger	
<b>Immunogen Catalog Number:</b> AG35815	<b>Calculated MW:</b> 1208 aa, 139 kDa	
	<b>Observed MW:</b> 139-150 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, IP, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> AC16 cells, <b>IP :</b> HEK-293T cells, <b>IHC :</b> human kidney tissue, <b>IF/ICC :</b> HeLa cells, HEK-293 cells
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

DZIP3/hRUL138 is a poorly characterized RNA-binding RING E3-ubiquitin ligase with functions in embryonic development. DZIP3 localizes in both the nucleus and cytoplasm (PMID: 33067265). DZIP3 was mainly reported to be an RNA-binding ligase that causes histone H2A monoubiquitination, which represses transcription. DZIP3 also regulates the differentiation of stem cells (PMID: 32796072).

## Storage

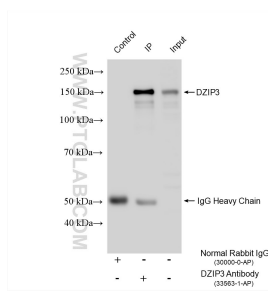
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

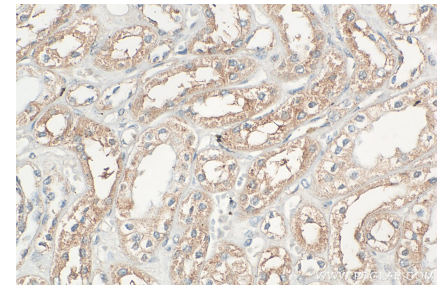
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data

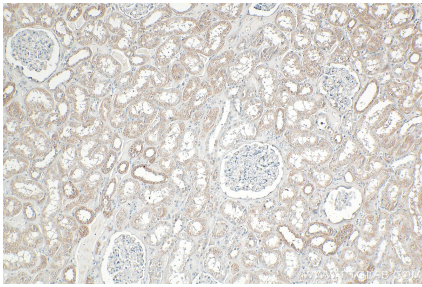


IP result of anti-DZIP3 (IP:33563-1-AP, 4ug; Detection:33563-1-AP 1:1000) with HEK-293T cells lysate 2080 ug.

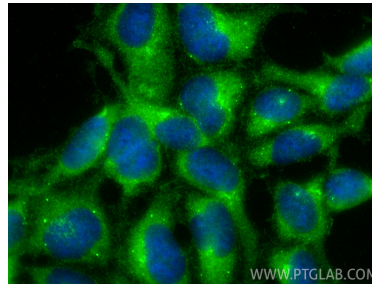
Various lysates were subjected to SDS PAGE followed by western blot with 33563-1-AP (DZIP3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



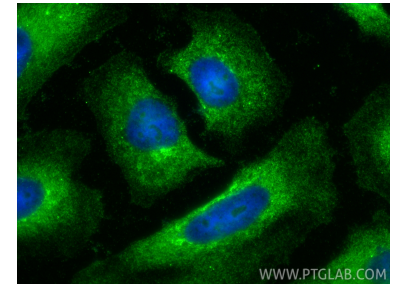
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 33563-1-AP (DZIP3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 33563-1-AP (DZIP3 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using DZIP3 antibody (33563-1-AP) at dilution of 1:200 and CoralLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using DZIP3 antibody (33563-1-AP) at dilution of 1:200 and CoralLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).