

For Research Use Only

# DZIP3 Polyclonal antibody, PBS Only

Catalog Number: 33563-1-PBS



## Basic Information

**Catalog Number:**

33563-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG35815

**GenBank Accession Number:**

BC063882

**GeneID (NCBI):**

9666

**UNIPROT ID:**

Q86Y13

**Full Name:**

DAZ interacting protein 3, zinc finger

**Calculated MW:**

1208 aa, 139 kDa

**Observed MW:**

139-150 kDa

**Purification Method:**

Antigen affinity Purification

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, Indirect ELISA

**Species Specificity:**

human

## 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 -80°C.

**Storage Buffer:**

PBS only, pH7.3

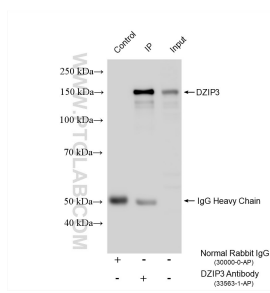
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

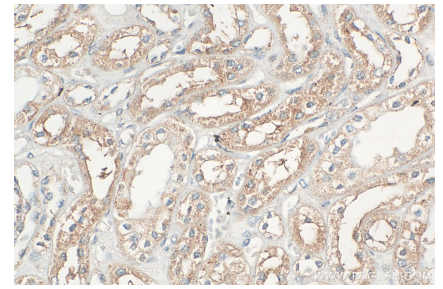
**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data

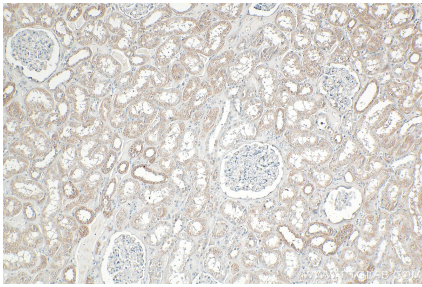


IP result of anti-DZIP3 (IP:33563-1-AP, 4ug; Detection:33563-1-AP 1:1000) with HEK-293T cells lysate 2080 ug. This data was developed using the same antibody clone with 33563-1-PBS in a different storage buffer formulation.

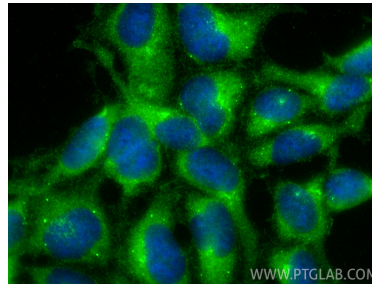
Various lysates were subjected to SDS PAGE followed by western blot with 33563-1-AP (DZIP3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33563-1-PBS in a different storage buffer formulation.



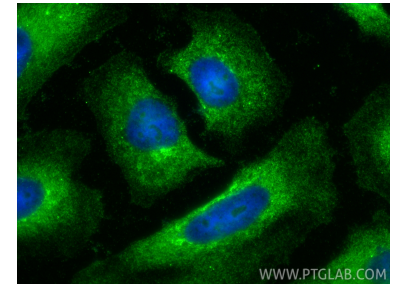
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 33563-1-AP (DZIP3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33563-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 33563-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 33563-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 33563-1-PBS in a different storage buffer formulation.