

For Research Use Only

DZIP3 Polyclonal antibody

Catalog Number: 33563-1-AP



Basic Information

Catalog Number:

33563-1-AP

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

Recommended Dilutions:

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

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : AC16 cells,

IP : HEK-293T cells,

IHC : human kidney tissue,

IF/ICC : HeLa cells, HEK-293 cells

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

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

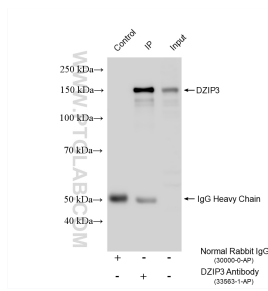
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

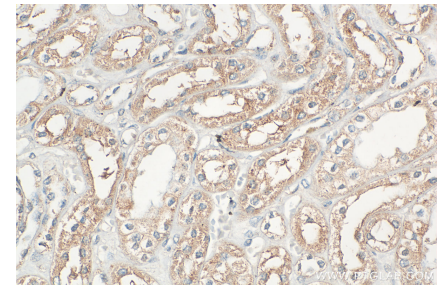
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

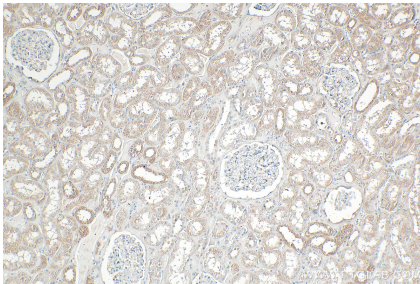


IP result of anti-DZIP3 (IP:33563-1-AP, 4ug; Detection:33563-1-AP 1:1000) with HEK-293T cells lysate 2080 ug.

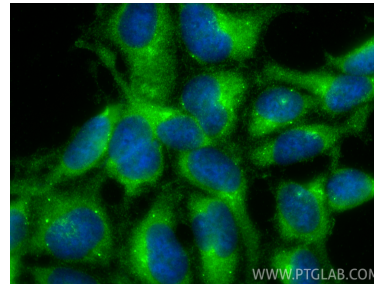
Various lysates were subjected to SDS PAGE followed by western blot with 33563-1-AP (DZIP3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



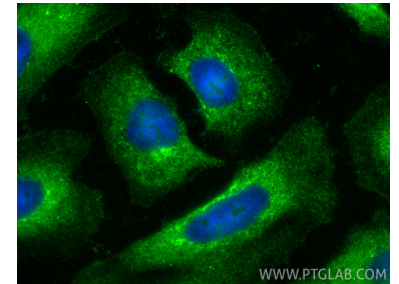
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 33563-1-AP (DZIP3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).