

For Research Use Only

# DZIP1 Polyclonal antibody

Catalog Number: 13779-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

13779-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4772

### GenBank Accession Number:

BC041804

### GeneID (NCBI):

22873

### UNIPROT ID:

Q86YF9

### Full Name:

DAZ interacting protein 1

### Calculated MW:

867 aa, 98 kDa

### Observed MW:

100-113 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:250-1:1000

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

### Positive Controls:

**WB** : HEK-293 cells, human brain tissue, human testis tissue, mouse skeletal muscle tissue, PC-3 cells

**IP** : HEK-293 cells,

**IHC** : human oesophagus cancer tissue, mouse testis tissue

**IF/ICC** : PC-3 cells,

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

## Background Information

DZIP1, also named as DZIP, DZIP2 and KIAA0996, belongs to the DZIP C2H2-type zinc-finger protein family. DZIP1 has been reported to be associated with centrosomes and ciliogenesis in cells (PMID: 32051257). DZIP1 may participate in spermatogenesis via its interaction with DAZ1, and play a role in primary formation (PMID: 15081113, 19852954). DZIP1 has 3 isoforms with the molecular mass of 31, 97 and 99 kDa. It may be a potential therapeutic target of oral squamous carcinoma (PMID: 31450126).

## Notable Publications

Author	Pubmed ID	Journal	Application
Hao Lu	25448689	Dev Biol	IF
Hao Lu	28530676	Nat Genet	IF
LiLong Guo	33811421	Dev Dyn	WB,IF

## 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

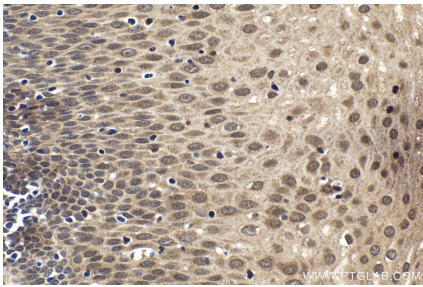
For technical support and original validation data for this product please contact:

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

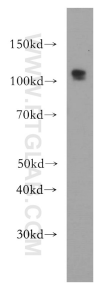
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

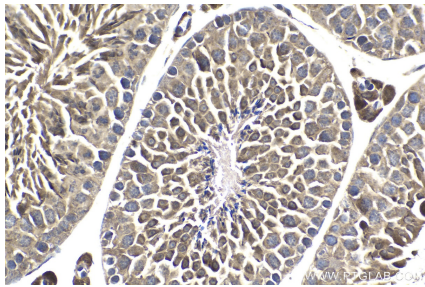
Selected Validation Data



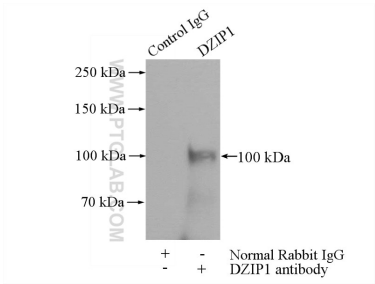
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 13779-1-AP (DZIP1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



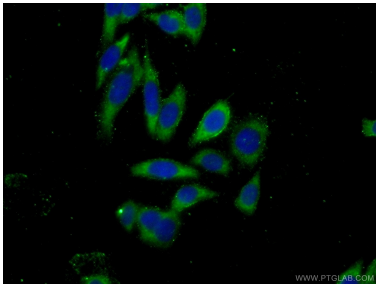
HEK-293 cells were subjected to SDS PAGE followed by western blot with 13779-1-AP (DZIP1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13779-1-AP (DZIP1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DZIP1 (IP:13779-1-AP, 4ug; Detection:13779-1-AP 1:300) with HEK-293 cells lysate 880ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using 13779-1-AP (DZIP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).