

For Research Use Only

# DZIP1 Polyclonal antibody

Catalog Number: 13779-1-AP

Featured Product

3 Publications



## Basic Information

<b>Catalog Number:</b> 13779-1-AP	<b>GenBank Accession Number:</b> BC041804	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 22873	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> DAZ interacting protein 1	<b>IF 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 867 aa, 98 kDa	
<b>Immunogen Catalog Number:</b> AG4772	<b>Observed MW:</b> 100-113 kDa	

## Applications

<b>Tested Applications:</b> IF, IP, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, human brain tissue, human testis tissue, mouse skeletal muscle tissue, PC-3 cells
<b>Cited Applications:</b> IF, WB	<b>IP :</b> HEK-293 cells,
<b>Species Specificity:</b> human, mouse	<b>IF :</b> PC-3 cells,
<b>Cited Species:</b> human, mouse	

## 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

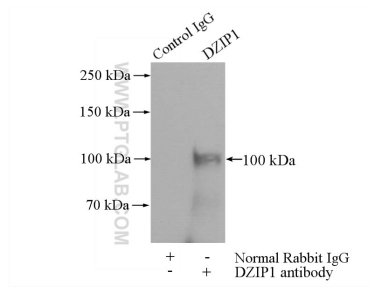
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

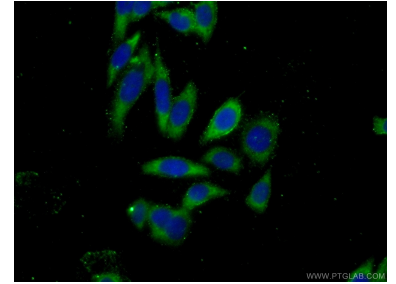
## Selected Validation Data



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.



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).