

For Research Use Only

# ZSCAN18 Polyclonal antibody, PBS Only

Catalog Number: 30704-1-PBS



## Basic Information

<b>Catalog Number:</b> 30704-1-PBS	<b>GenBank Accession Number:</b> BC022846	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 65982	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TBC5	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger and SCAN domain containing 18	
<b>Immunogen Catalog Number:</b> AG33264	<b>Calculated MW:</b> 510 aa, 55 kDa	

## Applications

**Tested Applications:**  
IHC, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Zinc finger and scan domain containing 18 (ZSCAN18) is a ZSCAN TF (a subfamily of ZNF TFs). ZSCAN18 is also known as ZNF447 and is located in chromosome 19q13.43. Recently, hypermethylation in the promoter of ZSCAN18 has been identified in various types of cancers, such as esophageal cancer , renal cell carcinoma, cholangiocarcinoma , colorectal cancer , GC , hepatocellular carcinoma , and pancreatic cancer .(PMID: 36650573, PMID: 40555855)

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

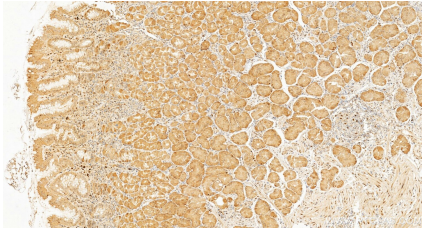
For technical support and original validation data for this product please contact:

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

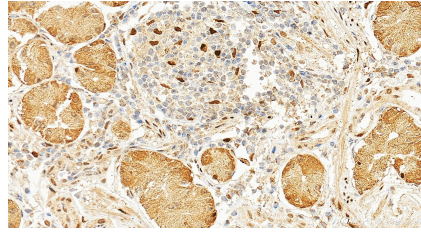
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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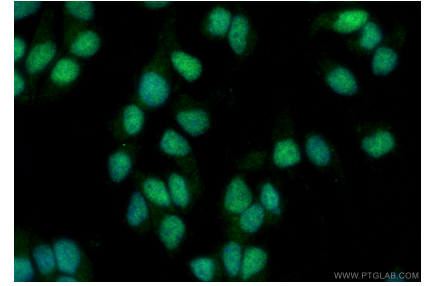
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 30704-1-AP (ZSCAN18 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 30704-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 30704-1-AP (ZSCAN18 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 30704-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using ZSCAN18 antibody (30704-1-AP) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 30704-1-PBS in a different storage buffer formulation.