

For Research Use Only

ZSCAN18 Polyclonal antibody, PBS Only

Catalog Number: 30704-1-PBS



Basic Information

Catalog Number:

30704-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33264

GenBank Accession Number:

BC022846

GeneID (NCBI):

65982

UNIPROT ID:

Q8TBC5

Full Name:

zinc finger and SCAN domain
containing 18

Calculated MW:

510 aa, 55 kDa

Purification Method:

Antigen affinity purification

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

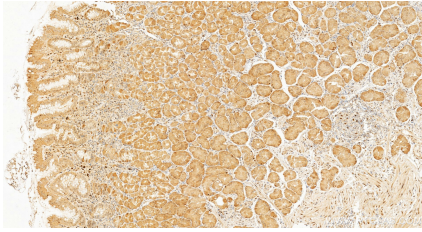
T: 4006900926

E: Proteintech-CN@ptglab.com

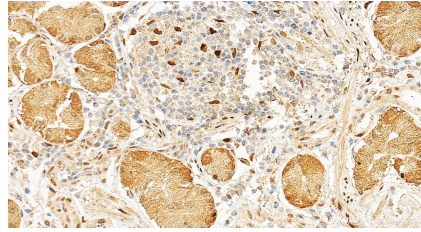
W: ptgcn.com

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

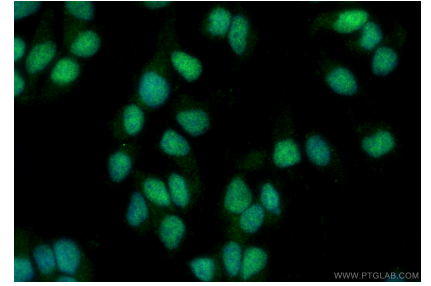
Selected Validation Data



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.