

ZSCAN29 Polyclonal antibody

Catalog Number: 21630-1-AP

Basic Information

Catalog Number:

21630-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16239

GenBank Accession Number:

BC109271

GeneID (NCBI):

146050

UNIPROT ID:

Q8IWIY8

Full Name:zinc finger and SCAN domain
containing 29**Calculated MW:**

852 aa, 97 kDa

Observed MW:

96-97 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells

IHC : human colon tissue,

**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

ZSCAN29 (zinc finger and SCAN domain containing 29), also named as ZNF690 or Zfp690. It is predicted to be located in nucleus and ubiquitous expression in testis and lymph node. The calculated molecular weight of ZSCAN29 is 96 kDa. The genes ZSCAN29 (associated with five disorders: SCZ, BIP, MD, ASD and ADHD) and ZSCAN31 (associated with three disorders: SCZ, BIP and MD) encode zinc finger transcription factor proteins that belong to the krueppel C2H2-type zinc-finger protein family. Zinc finger proteins are essential in multiple regulatory mechanisms and some have been associated with psychiatric disorders as reviewed by Squassina et al., 2019 (PMID: 34637873). It also enables sequence-specific double-stranded DNA binding activity and be predicted to be involved in regulation of transcription by RNA polymerase II.

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

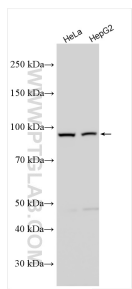
For technical support and original validation data for this product please contact:

T: 4006900926

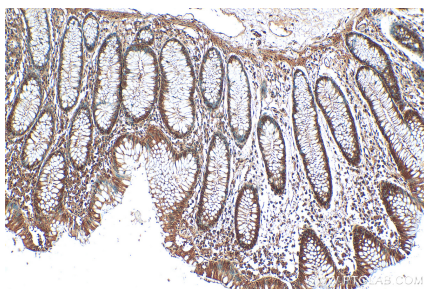
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

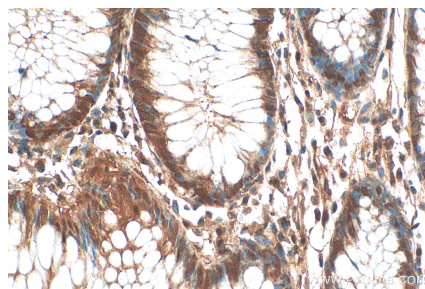
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21630-1-AP (ZSCAN29 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 21630-1-AP (ZSCAN29 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 21630-1-AP (ZSCAN29 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).