

For Research Use Only

ZBTB33 Polyclonal antibody, PBS Only

Catalog Number: 55270-1-PBS



Basic Information

Catalog Number:

55270-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006777

GeneID (NCBI):

10009

UNIPROT ID:

Q86T24

Full Name:

zinc finger and BTB domain containing 33

Calculated MW:

74 kDa

Observed MW:

68-74 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human

Background Information

ZBTB33, also named as Transcriptional regulator Kaiso, is a 672 amino acid protein, which localizes in nucleus and cytoplasm. ZBTB33 as a transcriptional regulator with bimodal DNA-binding specificity binds to methylated CpG dinucleotides in the consensus sequence 5'-CGCG-3' and non-methylated consensus sequence 5'-CTGCNA-3' also known as the consensus kaiso binding site (KBS). ZBTB33 recruits the N-CoR repressor complex to promote histone deacetylation and the formation of repressive chromatin structures in target gene promoters and may contribute to the repression of target genes of the Wnt signaling pathway. The calculated molecular weight of ZBTB33 is 75 kDa, but modified protein is about 100 kDa (PMID: 10207085 and PMID: 16354691)

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

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

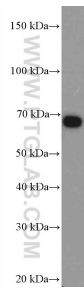
T: 4006900926

E: Proteintech-CN@ptglab.com

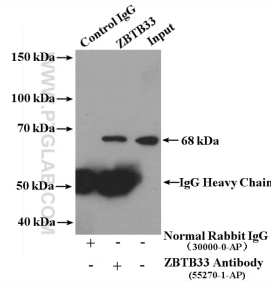
W: ptgcn.com

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

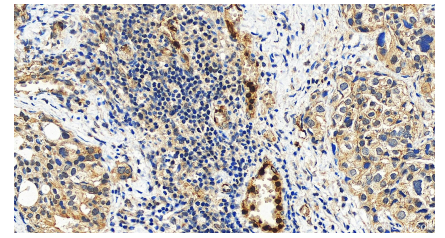
Selected Validation Data



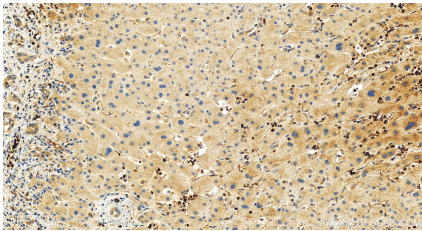
A431 cells were subjected to SDS PAGE followed by western blot with 55270-1-AP (ZBTB33 Antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55270-1-PBS in a different storage buffer formulation.



IP result of anti-ZBTB33 (IP:55270-1-AP, 4ug; Detection:55270-1-AP 1:300) with A431 cells lysate 1200ug. This data was developed using the same antibody clone with 55270-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 55270-1-AP (ZBTB33 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55270-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 55270-1-AP (ZBTB33 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55270-1-PBS in a different storage buffer formulation.