

For Research Use Only

ZBTB33 Polyclonal antibody

Catalog Number: 55270-1-AP **2 Publications**



Basic Information

Catalog Number:

55270-1-AP

Size:

700 µg/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

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

IP, IHC, CoIP, ChIP

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB: A431 cells,

IP: A431 cells,

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)

Notable Publications

Author	Pubmed ID	Journal	Application
Meng Jin	38241815	Biochem Biophys Res Commun	CoIP, ChIP
Xinzhe Feng	37063878	Front Immunol	IHC, IF

Storage

Storage:

Store at -20°C.

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:

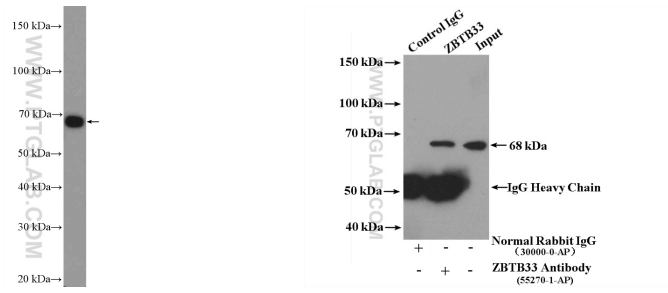
T: 4006900926

E: Proteintech-CN@ptglab.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.

IP result of anti-ZBTB33 (IP:55270-1-AP, 4ug; Detection:55270-1-AP 1:300) with A431 cells lysate 1200ug.