

For Research Use Only

ZBTB48 Polyclonal antibody

Catalog Number: 24665-1-AP **1 Publications**



Basic Information

Catalog Number: 24665-1-AP	GenBank Accession Number: BC013573	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3104	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: zinc finger and BTB domain containing 48	
Isotype: IgG	Calculated MW: 688 aa, 77 kDa	
Immunogen Catalog Number: AG20301	Observed MW: 77 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, K-562 cells
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

Background Information

ZBTB48, also named as TZAP and HKR3, is a 688 amino acid protein, which contains 1 BTB (POZ) domain and 11 C2H2-type zinc fingers and belongs to the krueppel C2H2-type zinc-finger protein family. ZBTB48 is detected in adrenal gland and neuroblastoma. ZBTB48 binds to and regulates the J and/or S elements in MHC II promoter. Zinc finger and BTB domain containing 48 (ZBTB48), also known as telomeric zinc-finger associated protein (TZAP), is a protein that triggers the trimming of telomeres in the absence of shelterin. ZBTB48, is a relatively uncharacterized POK family protein with a POZ-domain and 11 zinc finger domains. ZBTB48, is ubiquitously expressed in human tissues. The ZBTB48 gene is mapped to human chromosome 1p36, which is commonly rearranged (leiomyoma and leukemias) or deleted in various cancers (neuroblastoma, melanoma, Merkel cell carcinomas, pheochromocytoma and breast and colon carcinomas. A correlation between deletions or rearrangements of HKR3 and human cancer suggest a role for ZBTB48 as a potential tumor suppressor.

Notable Publications

Author	Pubmed ID	Journal	Application
Eun Young Yu	34799676	Commun Biol	WB

Storage

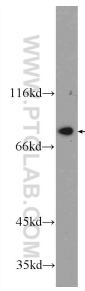
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

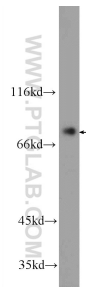
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 24665-1-AP (ZBTB48 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 24665-1-AP (ZBTB48 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.