

For Research Use Only

ZBTB17 Polyclonal antibody

Catalog Number: 22691-1-AP



Basic Information

Catalog Number: 22691-1-AP	GenBank Accession Number: BC126163	Purification Method: Antigen Affinity purified
Size: 150ul, Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 7709	Recommended Dilutions: WB: 1:1000-1:5000
Source: Rabbit	UNIPROT ID: Q13105	
Isotype: IgG	Full Name: zinc finger and BTB domain containing 17	
Immunogen Catalog Number: AG18396	Calculated MW: 803 aa, 88 kDa	
	Observed MW: 88-100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: Jurkat cells, THP-1 cells, NIH/3T3 cells
Species Specificity: human, mouse	

Background Information

ZBTB17 (zinc finger and BTB domain protein 17), also known as MIZ1, is a highly conserved transcription factor in evolution. It is expressed in many cell types and plays an important role in many biological processes such as cell cycle regulation, immune cell development and metabolic regulation. ZBTB17 plays a key role in the early stage of T cell development. It ensures the normal development of T cells by regulating the expression of pre-TCR and inhibiting the activity of TP53. ZBTB17 plays an important role in cardiac stress response, and its absence may lead to cardiomyopathy and heart failure. At Lys-397 and Lys-481, it undergoes "Lys-48" linked ubiquitination, and then degrades proteasome in a TRAF2-dependent manner.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

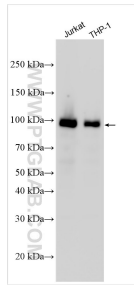
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22691-1-AP (ZBTB17 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.