

For Research Use Only

ZBTB17 Polyclonal antibody, PBS Only

Catalog Number: 22691-1-PBS



Basic Information

Catalog Number:

22691-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18396

GenBank Accession Number:

BC126163

GeneID (NCBI):

7709

UNIPROT ID:

Q13105

Full Name:

zinc finger and BTB domain containing 17

Calculated MW:

803 aa, 88 kDa

Observed MW:

88-100 kDa

Purification Method:

Antigen Affinity purified

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

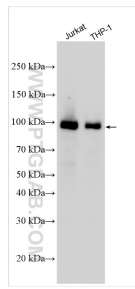
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 22691-1-PBS in a different storage buffer formulation.