10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ZBTB17 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18958a

Specification

ZBTB17 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q13105
Other Accession	NP_003434.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**87928**
Antigen Region	**113-142**

ZBTB17 Antibody (N-term) - Additional Information

Gene ID 7709

Other Names
Zinc finger and BTB domain-containing protein 17, Myc-interacting zinc finger protein 1, Miz-1, Zinc finger protein 151, Zinc finger protein 60, ZBTB17, MIZ1, ZNF151, ZNF60

Target/Specificity
This ZBTB17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 113-142 amino acids from the N-terminal region of human ZBTB17.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ZBTB17 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZBTB17 Antibody (N-term) - Protein Information

Name ZBTB17

Synonyms MIZ1, ZNF151, ZNF60

Function Transcription factor that can function as an activator or repressor depending on its binding partners, and by targeting negative regulators of cell cycle progression. Plays a critical role in early lymphocyte development, where it is essential to prevent apoptosis in lymphoid precursors, allowing them to survive in response to IL7 and undergo proper lineage commitment. Has been shown to bind to the promoters of adenovirus major late protein and cyclin D1 and activate transcription. Required for early embryonic development during gastrulation. Represses RB1 transcription; this repression can be blocked by interaction with ZBTB49 isoform 3/ZNF509S1 (PubMed:25245946).

Cellular Location
Nucleus

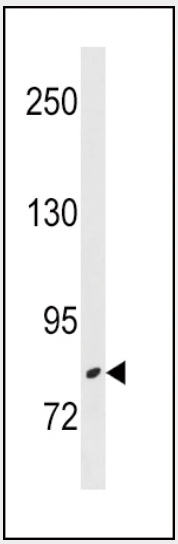
Tissue Location
Expressed in germinal center B-cells.

ZBTB17 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZBTB17 Antibody (N-term) - Images



ZBTB17 Antibody (N-term) (Cat. #AP18958a) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the ZBTB17 antibody detected the ZBTB17 protein (arrow).

ZBTB17 Antibody (N-term) - Background

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

This gene encodes a zinc finger protein involved in the regulation of c-myc. The symbol MIZ1 has also been associated with PIAS2 which is a different gene located on chromosome 18. [provided by RefSeq].

ZBTB17 Antibody (N-term) - References

Licchesi, J.D., et al. Oncogene 29(44):5923-5934(2010)
Miao, L., et al. Oncogene 29(5):711-722(2010)
Liu, J., et al. Proc. Natl. Acad. Sci. U.S.A. 106(43):18279-18284(2009)
Basu, S., et al. Proc. Natl. Acad. Sci. U.S.A. 106(5):1433-1438(2009)
Ikegaki, N., et al. Clin. Cancer Res. 13(20):6001-6009(2007)