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

ZBTB17 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP18958a

Specification

ZBTB17 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q13105

ZBTB17 Antibody (N-term) Blocking Peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ZBTB17 Antibody (N-term) Blocking Peptide - 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.

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ZBTB17 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ZBTB17 Antibody (N-term) Blocking Peptide - Images

ZBTB17 Antibody (N-term) Blocking Peptide - Background

This gene encodes a zinc finger protein involved in theregulation of c-myc. The symbol MIZ1 has also been associated withPIAS2 which is a different gene located on chromosome 18. [providedby RefSeq].

ZBTB17 Antibody (N-term) Blocking Peptide - 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)