

ZBTB33 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP19593c**Specification**

ZBTB33 Antibody (Center) Blocking Peptide - Product Information**ZBTB33 Antibody (Center) Blocking Peptide - Additional Information****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.

ZBTB33 Antibody (Center) Blocking Peptide - Protein Information**ZBTB33 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

ZBTB33 Antibody (Center) Blocking Peptide - Images**ZBTB33 Antibody (Center) Blocking Peptide - Background**

This gene encodes a transcriptional regulator with bimodal DNA-binding specificity, which binds to methylated CGCG and also to the non-methylated consensus KAT5-binding site TCCTGCNA. The protein contains an N-terminal POZ/BTB domain and 3 C-terminal zincfinger motifs. It recruits the N-CoR repressor complex to promote histone deacetylation and the formation of repressive chromatin structures in target gene promoters. It may contribute to the repression of target genes of the Wnt signaling pathway, and may also activate transcription of a subset of target genes by the recruitment of catenin delta-2 (CTNND2). Its interaction with catenin delta-1 (CTNND1) inhibits binding to both methylated and non-methylated DNA. It also interacts directly with the nuclear import receptor Importin- α 2 (also known as karyopherin α 2 or RAG cohort 1), which may mediate nuclear import of this protein. Alternatively spliced transcript variants encoding the same protein have been identified.

ZBTB33 Antibody (Center) Blocking Peptide - References

Zhang, J., et al. Microvasc. Res. 80(2):233-239(2010) Zhigalova, N.A., et al. Mol. Biol. (Mosk.) 44(2):263-274(2010) Dai, S.D., et al. Lung Cancer 67(2):205-215(2010) Soubry, A., et al. PLoS ONE 5

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