

ZBTB4 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17542c**Specification**

ZBTB4 Antibody (Center) - Product Information

| | |
|-------------------|--------------------------------|
| Application | WB,E |
| Primary Accession | O9P1Z0 |
| Other Accession | NP_001122305.1 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 105114 |
| Antigen Region | 401-430 |

ZBTB4 Antibody (Center) - Additional Information**Gene ID** 57659**Other Names**

Zinc finger and BTB domain-containing protein 4, KAISO-like zinc finger protein 1, KAISO-L1, ZBTB4, KIAA1538

Target/Specificity

This ZBTB4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 401-430 amino acids from the Central region of human ZBTB4.

Dilution

WB~~1:1000

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

ZBTB4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ZBTB4 Antibody (Center) - Protein Information**Name** ZBTB4**Synonyms** KIAA1538

Function Transcriptional repressor with bimodal DNA-binding specificity. Represses transcription in a methyl-CpG-dependent manner. Binds with a higher affinity to methylated CpG dinucleotides in the consensus sequence 5'-CGCG-3' but can also bind to the non-methylated consensus sequence 5'-CTGCNA-3' also known as the consensus kaiso binding site (KBS). Can also bind specifically to a single methyl-CpG pair and can bind hemimethylated DNA but with a lower affinity compared to methylated DNA (PubMed:[16354688](#)). Plays a role in postnatal myogenesis, may be involved in the regulation of satellite cells self-renewal (By similarity).

Cellular Location

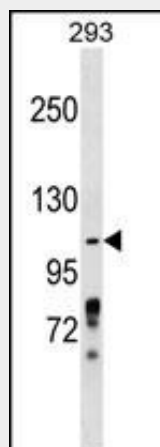
Nucleus. Chromosome. Note=Localizes to chromocenters

ZBTB4 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZBTB4 Antibody (Center) - Images



ZBTB4 Antibody (Center) (Cat. #AP17542c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the ZBTB4 antibody detected the ZBTB4 protein (arrow).

ZBTB4 Antibody (Center) - Background

ZBTB4 may be involved in transcriptional regulation.

ZBTB4 Antibody (Center) - References

Sasai, N., et al. Nucleic Acids Res. 38(15):5015-5022(2010)
Yamada, D., et al. Oncogene 28(27):2535-2544(2009)
Weber, A., et al. EMBO J. 27(11):1563-1574(2008)
Filion, G.J., et al. Mol. Cell. Biol. 26(1):169-181(2006)