

**ZBTB4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55208****Specification**

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**ZBTB4 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">O9P1Z0</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	105114

**ZBTB4 Polyclonal Antibody - 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

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**ZBTB4 Polyclonal Antibody - 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:<a href="http://www.uniprot.org/citations/16354688" target="\_blank">16354688</a>). 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 Polyclonal Antibody - 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 Polyclonal Antibody - Images**