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ZBTB4 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10082

Product Information

Application	WB
Primary Accession	Q9P1Z0
Other Accession	Q9P1Z0, NP_065950, NM_020899
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse
Predicted	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	105114

Additional Information

Gene ID	57659
Alias Symbol	KAISO-L1, KIAA1538, ZNF903
Other Names	Zinc finger and BTB domain-containing protein 4, KAISO-like zinc finger protein 1, KAISO-L1, ZBTB4, KIAA1538
Target/Specificity	ZBTB4 may be involved in transcriptional regulation.
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ZBTB4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	ZBTB4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

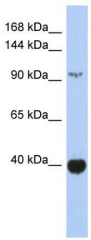
Name	ZBTB4
Synonyms	KIAA1538
Function	Transcriptional repressor with bimodal DNA-binding specificity. Represses transcription in a methyl-CpG-dependent manner. Binds with a higher affinity to methylated CpG dinucleotides in the consensus sequence 5'-CGCG-3' but can also bind to the non-methylated consensus 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

Background

This is a rabbit polyclonal antibody against ZBTB4. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).

Images



ZBTB4 antibody - middle region (AI10082) in Human Spleen cells using Western Blot
WB Suggested Anti-ZBTB4 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Human Spleen

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.