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KAISO Antibody

Rabbit mAb
Catalog # AP92352

Product Information

Application	WB
Primary Accession	Q86T24
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Kaiso; Zbtb33; ZNF Kaiso; ZNF348;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	74484

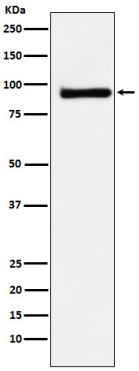
Additional Information

Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human KAISO
Description	Transcriptional regulator with bimodal DNA-binding specificity. Binds to methylated CpG dinucleotides in the consensus sequence 5'-CGCG-3' and also binds to the non-methylated consensus sequence 5'-CTGCNA-3'.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	ZBTB33
Synonyms	KAISO, ZNF348
Function	Transcriptional regulator with bimodal DNA-binding specificity. Binds to methylated CpG dinucleotides in the consensus sequence 5'-CGCG-3' and also binds to the non-methylated consensus sequence 5'-CTGCNA-3' also known as the consensus kaiso binding site (KBS). Recruits the N-CoR repressor complex to promote histone deacetylation and the formation of repressive chromatin structures in target gene promoters. May contribute to the repression of target genes of the Wnt signaling pathway. May also activate transcription of a subset of target genes by the recruitment of CTNND2. Represses expression of MMP7 in conjunction with transcriptional corepressors CBFA2T3, CBFA2T2 and RUNX1T1 (PubMed:23251453).
Cellular Location	Nucleus. Cytoplasm Note=Also cytoplasmic in cells grown at high densities
Tissue Location	Expressed in vascular endothelium.

Images



Western blot analysis of KAISO expression in MCF7 cell lysate.

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