

KAISO Antibody
Rabbit mAb
Catalog # AP92352**Specification**

KAISO Antibody - Product Information

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

KAISO Antibody - Additional Information

Dilution	WB~~1:1000
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.

KAISO Antibody - 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

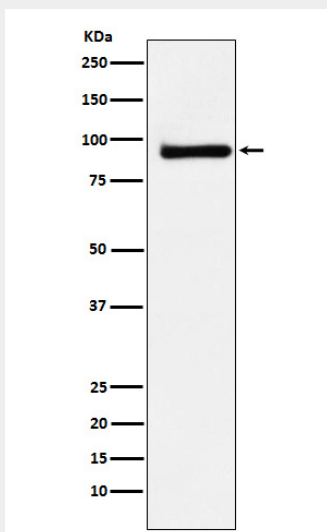
Tissue Location

Expressed in vascular endothelium.

KAISO 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](#)

KAISO Antibody - Images

Western blot analysis of KAISO expression in MCF7 cell lysate.