

Kaiso/ZBTB33 Rabbit pAb

Catalog No.: A12856

1 Publications

Basic Information

Observed MW

74kDa

Calculated MW

74kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse

Background

This gene encodes a transcriptional regulator with bimodal DNA-binding specificity, which binds to methylated CGCG and also to the non-methylated consensus KAISO-binding site TCCTGCNA. The protein contains an N-terminal POZ/BTB domain and 3 C-terminal zinc finger motifs. It recruits the N-CoR repressor complex to promote histone deacetylation and the formation of repressive chromatin structures in target gene promoters. It may contribute to the repression of target genes of the Wnt signaling pathway, and may also activate transcription of a subset of target genes by the recruitment of catenin delta-2 (CTNND2). Its interaction with catenin delta-1 (CTNND1) inhibits binding to both methylated and non-methylated DNA. It also interacts directly with the nuclear import receptor Importin- α 2 (also known as karyopherin α 2 or RAG cohort 1), which may mediate nuclear import of this protein. Alternatively spliced transcript variants encoding the same protein have been identified.

Recommended Dilutions

WB 1:1000 - 1:3000

IHC-P 1:100 - 1:500

Immunogen Information

Gene ID

10009

Swiss Prot

Q86T24

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 523-672 of human Kaiso/Kaiso/ZBTB33 (NP_006768.1).

Synonyms

ZNF348; ZNF-kaiso; Kaiso/ZBTB33

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data

