Leader in Biomolecular Solutions for Life Science

# 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-α2 (also known as karyopherin alpha2 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**

# **Immunogen Information**

 WB
 1:1000 - 1:3000
 Gene ID
 Swiss Prot

 10009
 0286T24

#### 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
---------

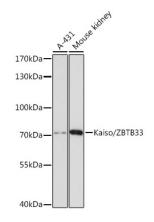
# a 400-999-6126 x cn.market@abclonal.com.cn y www.abclonal.com.cn

# **Product Information**

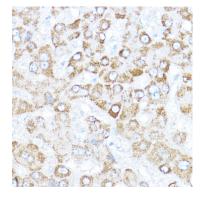
**Source** Rabbit **Isotype** IgG Purification Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.



Western blot analysis of various lysates using Kaiso/ZBTB33 Rabbit pAb (A12856) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffinembedded human liver using Kaiso/Kaiso/ZBTB33 Rabbit pAb (A12856) at dilution of 1:300 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.