

## KAISO Polyclonal Antibody

Cat No: HR1AP11709

For research use only

### Overview

Product Name	KAISO Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	73kDa
GeneID?Human?	ZBTB33 KAISO ZNF348
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>zinc finger and BTB domain containing 33(ZBTB33) Homo sapiens 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-<math>\alpha</math>2 (also known as karyopherin alpha2 or RAG cohort 1), which may mediate nuclear import</p>