KAISO Rabbit pAb

CatalogNo: YN1652

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse

Applications
- WB,ELISA

MW
- 73kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-2000
ELISA 1:5000-20000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human protein . at AA range: 100-180
Specificity	KAISO Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name	ZBTB33 KAISO ZNF348

Protein Name Transcriptional regulator Kaiso (Zinc finger and BTB domain-containing protein 33)

Organism	Gene ID	UniProt ID
Human	10009;	Q86T24;
Mouse		Q8BN78;

Cellular Localization Nucleus . Cytoplasm . Also cytoplasmic in cells grown at high densities.

Tissue specificity Expressed in vascular endothelium.

Function 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'. 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.,induction:Induced in vascular endothelium by wounding. This effect is potentiated by prior laminar shear stress, which enhances wound closure.,similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 3 C2H2-type zinc fingers.,subcellular location:Also cytoplasmic in cells grown at high densities.,subunit:Self-associates. Interacts with CTNND2 (By similarity). Interacts with CTNND1, and this interaction inhibits binding to both methylated and non-methylated DNA. Interacts with NCOR1. Interacts with KPNA2/RCH1, which may mediate nuclear import of this protein.,tissue specificity:Expressed in vascular endothelium.,

Validation Data

Contact information

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Please scan the QR code to access additional product information:
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