Rabbit anti-Human Kaiso/ZBTB33 Monoclonal Antibody | anti-ZBTB33 antibody

Kaiso/ZBTB33 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283093	**Rabbit**	**Human**	**ELISA, Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

Kaiso/ZBTB33; Monoclonal Antibody; Kaiso/ZBTB33 Rabbit mAb; ZNF348; ZNF-kaiso; anti-ZBTB33 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	HSQDPSGDSK LYRLHPCRSL QIRQYAYLSD RSSTIPAMKD DGIGYKVDTG KEPPVGTTTS TQNKPMTWED IFIQQENDSI FKQNVTDGST EFEFIIPESY
Applicable Applications for anti-ZBTB33 antibody	ELISA, IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 573-672 of human Kaiso/ZBTB33 (Q86T24).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IP (Immunoprecipitation)
Immunoprecipitation analysis of 300 ug extracts of A-549 cells using 3 ug Kaiso/ZBTB33 antibody (AAA283093). Western blot was performed from the immunoprecipitate using Kaiso/ZBTB33 antibody (AAA283093) at a dilution of 1:1000.

IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using Kaiso/ZBTB33 Rabbit mAb (AAA283093) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

WB (Western Blot)
Western blot analysis of various lysates using Kaiso/ZBTB33 Rabbit mAb (AAA283093) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-ZBTB33 antibody	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-alpha2 (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.
Product Categories/Family for anti-ZBTB33 antibody	Epigenetics Nuclear Signaling; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	296179376
NCBI GeneID	10009
NCBI Accession #	NP_001171671.1
NCBI GenBank Nucleotide #	NM_001184742.1
UniProt Accession #	Q86T24; O00319; Q7Z361; Q8IVP6; Q8N3P0; B2R5U6
Molecular Weight	Calculated MW: 74KDa Observed MW: 80kDa
UniProt Protein Name	Transcriptional regulator Kaiso
UniProt Gene Name	**ZBTB33**
UniProt Synonym Gene Names	KAISO; ZNF348
UniProt Entry Name	KAISO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/kaiso-zbtb33-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-western-blot-elisa/283093