Datasheet for ABIN7155463

anti-Lysine (K)-Specific Methyltransferase 2B (KMT2B) (AA 145-290) antibody (Biotin)

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Overview

Quantity:	100 µL
Target:	Lysine (K)-Specific Methyltransferase 2B (KMT2B)
Binding Specificity:	AA 145-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Histone-lysine N-methyltransferase 2B protein (145-290AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Lysine (K)-Specific Methyltransferase 2B (KMT2B)
Alternative Name:	KMT2B (KMT2B Products)
Background:	Background: Histone methyltransferase. Methylates \'Lys-4\' of histone H3. H3 \'Lys-4\' methylation represents a specific tag for epigenetic transcriptional activation. Plays a central

Target Details

	role in beta-globin locus transcription regulation by being recruited by NFE2. Plays an important role in controlling bulk H3K4me during oocyte growth and preimplantation development. Required during the transcriptionally active period of oocyte growth for the establishment and/or maintenance of bulk H3K4 trimethylation (H3K4me3), global transcriptional silencing that preceeds resumption of meiosis, oocyte survival and normal zygotic genome activation. Aliases: Histone-lysine N-methyltransferase 2B antibody, HRX2 antibody, KIAA0304 gene product antibody, KMT2B antibody, KMT2B_HUMAN antibody, Likely ortholog of mouse WW domain binding protein 7 antibody, Lysine N-methyltransferase 2B antibody, mixed lineage leukemia 4 antibody, Mixed lineage leukemia gene homolog 2 protein antibody, MLL2 antibody, myeloid lymphoid leukemia 4 antibody, Myeloid lymphoid or mixed lineage leukemia protein 4 antibody, Myeloid/lymphoid or mixed-lineage leukemia protein 4 antibody, Trithorax homolog 2 antibody, trithorax homologue 2 antibody, TRX2 antibody, WBP-7 antibody, WBP7 antibody, WW domain-binding protein 7 antibody
UniProt:	Q9UMN6
Pathways:	Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.