



Human MLL2 blocking peptide (CDBP1882)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MLL2 antibody
Antigen Description	The protein encoded by this gene is a histone methyltransferase that methylates the Lys-4 position of histone H3. The encoded protein is part of a large protein complex called ASCOM, which has been shown to be a transcriptional regulator of the beta-globin and estrogen receptor genes. Mutations in this gene have been shown to be a cause of Kabuki syndrome. [provided by RefSeq, Oct 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MLL2 myeloid/lymphoid or mixed-lineage leukemia 2 [Homo sapiens]
Official Symbol	MLL2
Synonyms	MLL2; myeloid/lymphoid or mixed-lineage leukemia 2; TNRC21, trinucleotide repeat containing 21; histone-lysine N-methyltransferase MLL2; ALR; CAGL114; KMT2D; MLL4; ALL1-related protein; Kabuki make-up syndrome; lysine N-methyltransferase 2B; lysine N-methyltransferase

2D; Kabuki mental retardation syndrome; trinucleotide repeat containing 21; KMS; AAD10; KMT2B; KABUK1; TNRC21;

Entrez Gene ID	8085
mRNA Refseq	NM_003482
Protein Refseq	NP_003473
UniProt ID	O14686
Chromosome Location	12q13.12
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;
Function	DNA binding; histone-lysine N-methyltransferase activity; metal ion binding; methyltransferase activity; protein binding; transcription regulatory region DNA binding; transferase activity; zinc ion binding;