

ARG54752 anti-KMT2D / MLL2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes KMT2D / MLL2
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	KMT2D / MLL2
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 4980-5009 (C-terminus) of Human MLL2 (NP_003473.3).
Conjugation	Un-conjugated
Alternate Names	KABUK1; Lysine N-methyltransferase 2D; TNRC21; AAD10; MLL2; KMS; CAGL114; MLL4; Myeloid/lymphoid or mixed-lineage leukemia protein 2; EC 2.1.1.43; Histone-lysine N-methyltransferase 2D; ALR; ALL1-related protein

Application Instructions

Application table	Application	Dilution
	WB	1:80000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 8085 Human Swiss-port # O14686 Human
Gene Symbol	KMT2D
Gene Full Name	lysine (K)-specific methyltransferase 2D
Background	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]
Function	Histone methyltransferase. Methylates 'Lys-4' of histone H3 (H3K4me). H3K4me represents a specific tag for epigenetic transcriptional activation. Acts as a coactivator for estrogen receptor by being recruited by ESR1, thereby activating transcription. [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	593 kDa
Cellular Localization	Nucleus.

Images

