

## 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.

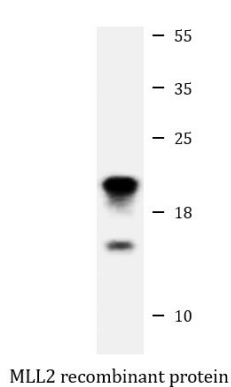
## Bioinformation

---

Database links	<a href="#">GeneID: 8085 Human</a> <a href="#">Swiss-port # O14686 Human</a>
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

---



ARG54752 anti-KMT2D / MLL2 antibody WB image

Western blot: 20 µg of MLL2 recombinant protein stained with ARG54752 anti-KMT2D / MLL2 antibody at 1:80000 dilution.