

ARG43682 anti-MLLT10 / AF10 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MLLT10 / AF10
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_004632.1; NP_001009569.1).
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MLLT10 / AF10
Species	Human
Immunogen	Synthetic peptide of Human MLLT10 / AF10.
Conjugation	Un-conjugated
Alternate Names	Protein AF-10; AF10; ALL1-fused gene from chromosome 10 protein; MLLT10 histone lysine methyltransferase DOT1L cofactor

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	130 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Concentration	Batch dependent
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.

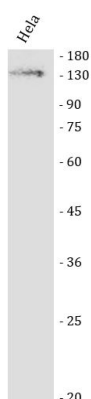
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MLLT10
Gene Full Name	MLLT10 histone lysine methyltransferase DOT1L cofactor
Background	This gene encodes a transcription factor and has been identified as a partner gene involved in several chromosomal rearrangements resulting in various leukemias. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2010]
Function	Probably involved in transcriptional regulation. In vitro or as fusion protein with KMT2A/MLL1 has transactivation activity. Binds to cruciform DNA. In cells, binding to unmodified histone H3 regulates DOT1L functions including histone H3 'Lys-79' dimethylation (H3K79me2) and gene activation (PubMed:26439302). [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	113 kDa
PTM	Isopeptide bond; Phosphoprotein; Ubl conjugation
Cellular Localization	Nucleus

Images



ARG43682 anti-MLLT10 / AF10 antibody WB image

Western blot: HeLa stained with ARG43682 anti-MLLT10 / AF10 antibody.