

Datasheet for ABIN6952424  
**anti-MLL1 antibody**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	MLL1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Chromatin Immunoprecipitation (ChIP), ChIP DNA-Sequencing (ChIP-seq)

## Product Details

Immunogen:	synthetic peptide
Specificity:	Polyclonal antibody raised in rabbit against human MLL1 (Mixed-Lineage Leukemia) using two KLH-conjugated synthetic peptides containing a sequence from the central region of the protein.
Purification:	whole antiserum
Grade:	ChIP-seq Grade

## Target Details

Target:	MLL1
Alternative Name:	MLL1 ( <a href="#">MLL1 Products</a> )
Background:	MLL1 (UniProtKB/Swiss-Prot entry Q03164) functions as a lysine methyltransferase responsible for the methylation of H3K4 which is associated with epigenetic transcriptional activation. MLL1 regulates the transcription of specific target genes, including many of the HOX

## Target Details

genes and plays an essential role in regulating gene expression during early development and hematopoiesis. It also plays a role in the control of circadian gene expression. Mll1 is involved in several translocations which cause certain acute lymphoid leukemias and acute myeloid leukemias.

UniProt: [Q03164](#)

## Application Details

Application Notes: ChIP/ChIP-seq 2 µL:ChIP  
ELISA 1:100 - 1:1,000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: serum, 0.05 % azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C