



# MLL4 rabbit pAb

Cat No.:ES9103

For research use only

## Overview

<b>Product Name</b>	MLL4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	IHC-p 1:50-300
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 1060-1140
<b>Specificity</b>	MLL4 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Histone-lysine N-methyltransferase MLL4 (EC 2.1.1.43) (Lysine N-methyltransferase 2B) (KMT2B) (Myeloid/lymphoid or mixed-lineage leukemia protein 4) (Trithorax homolog 2) (WW domain-binding protein 7)
<b>Gene Name</b>	WBP7 HRX2 KIAA0304 KMT2B MLL2 MLL4 TRX2
<b>Cellular localization</b>	Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	298kD
<b>Human Gene ID</b>	9757
<b>Human Swiss-Prot Number</b>	Q9UMN6
<b>Alternative Names</b>	
<b>Background</b>	This gene encodes a protein which contains multiple domains including a CXXC zinc finger, three PHD zinc fingers, two FY-rich domains, and a SET (suppressor of variegation, enhancer of zeste, and trithorax) domain. The SET domain is a conserved C-terminal





domain that characterizes proteins of the MLL (mixed-lineage leukemia) family. This gene is ubiquitously expressed in adult tissues. It is also amplified in solid tumor cell lines, and may be involved in human cancer. Two alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene, however, the full length nature of the shorter transcript is not known. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

