

L3MBTL1 Antibody (Center)

Catalog_no :	AB3496
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This L3MBTL1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 451-485 amino acids from the Central region of human L3MBTL1.
Dilution :	WB,1:2000;
Other_name :	Lethal(3)malignant brain tumor-like protein 1, H-I(3)mbt, H-I(3)mbt protein, L(3)mbt-like, L(3)mbt protein homolog, L3MBTL1, L3MBTL1, KIAA0681, L3MBT, L3MBTL
Isotype :	Rabbit Ig
Background :	Polycomb group (PcG) protein that specifically recognizes and binds mono- and dimethyllysine residues on target proteins, thereby acting as a 'reader' of a network of post-translational modifications. PcG proteins maintain the transcriptionally repressive state of genes: acts as a chromatin compaction factor by recognizing and binding mono- and dimethylated histone H1b/HIST1H1E at 'Lys-26' (H1bK26me1 and H1bK26me2) and histone H4 at 'Lys-20' (H4K20me1 and H4K20me2), leading to condense chromatin and repress transcription. Recognizes and binds p53/TP53 monomethylated at 'Lys-382', leading to repress p53/TP53-target genes. Also recognizes and binds RB1/RB monomethylated at 'Lys-860'. Participates in the ETV6-mediated repression. Probably plays a role in cell proliferation. Overexpression induces multinucleated cells, suggesting that it is required to accomplish normal mitosis.
reference :	Koga H., et al. Oncogene 18:3799-3809(1999). Ota T., et al. Nat. Genet. 36:40-45(2004). Bechtel S., et al. BMC Genomics 8:399-399(2007). Deloukas P., et al. Nature 414:865-871(2001). Ishikawa K., et al. DNA Res. 5:169-176(1998).