

## 致死因子恶性脑瘤样蛋白 1 抗体

产品货号： mlR16878

英文名称： L3MBTL1

中文名称： 致死因子恶性脑瘤样蛋白 1 抗体

别名： H-L(3)MBT; H-l(3)mbt protein; KIAA0681; L(3)mbt protein homolog; L(3)mbt-like; L3MBT; L3MBTL1; Lethal(3)malignant brain tumor-like protein 1; Lethal(3)malignant brain tumor-like protein; LMBL1\_HUMAN; RGD1307316.

研究领域： 肿瘤 神经生物学 转运蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Horse,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需

做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 84kDa

细胞定位 : 细胞核

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human L3MBTL1:551-650/752

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 background:**

This gene represents a polycomb group gene. The encoded protein functions to regulate gene activity, likely via chromatin modification. The encoded protein may also be necessary for mitosis. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Sep 2010]

**Function:**

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.

**Subcellular Location:**

Nucleus. Excluded from the nucleolus. Does not colocalize with the PcG protein BMI1, suggesting that these two proteins do not belong to the same complex.

**Tissue Specificity:**

Widely expressed. Expression is reduced in colorectal cancer cell line SW480 and promyelocytic leukemia cell line HL-60.

**Similarity:**

Contains 1 C2HC-type zinc finger.

Contains 3 MBT repeats.

Contains 1 SAM (sterile alpha motif) domain.

**SWISS:**

Q9Y468

**Gene ID:**

26013

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.