

## ASH1 蛋白抗体

产品货号： mlR9671

英文名称： ASH1L

中文名称： ASH1 蛋白抗体

别 名： Absent small and homeotic disks protein 1 homolog; Absent Small or Homeotic Like; ASH 1; ASH 1L; ash1 (absent small or homeotic 1); Ash1 (absent small or homeotic) like; Absent small and homeotic disks protein 1 homolog; ASH1-like protein; ASH-1L; ASH1L\_HUMAN; ASH1L1; huASH1; Lysine N-methyltransferase 2H; Probable histone-lysine N-methyltransferase ASH1L.

研究领域： 细胞生物 神经生物学 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Rabbit,

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： 327kDa

细胞定位： 细胞核 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

**免 疫 原：** KLH conjugated synthetic peptide derived from human ASH1L:1951-2100

**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：** ASH1L is a 2,969 amino acid protein encoded by the human gene ASH1L. ASH1L belongs to the histone-lysine methyltransferase family (SET2 subfamily) and contains three AT hook DNA-binding domains, one AWS domain, one BAH domain, one bromodomain, one PHD-type zinc finger, one post-SET domain and one SET domain. It is a widely expressed nuclear protein with highest expression found in brain, heart and kidney. ASH1L is a histone methyltransferase and is believed to methylate 'Lys-4' of Histone H3, which is a specific tag for epigenetic transcriptional activation.

**Function:**

Histone methyltransferase. Probably methylates 'Lys-4' of histone H3, a specific tag for epigenetic transcriptional activation.

**Subcellular Location:**

Nucleus. Cell junction, tight junction. Chromosome (Probable). Note=The relevance of tight junction localization is however unclear.

**Tissue Specificity:**

Widely expressed, with highest level in brain, heart and kidney.

**Similarity:**

Belongs to the histone-lysine methyltransferase family. SET2 subfamily.

Contains 3 A.T hook DNA-binding domains.

Contains 1 AWS domain.

Contains 1 BAH domain.

Contains 1 bromo domain.

Contains 1 PHD-type zinc finger.

Contains 1 post-SET domain.

Contains 1 SET domain.

**SWISS:**

Q9NR48

**Gene ID:**

55870

**Important Note:**

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

产品图片

