

— ABLYBIO, Help Your Research



SMYD5 Rabbit pAb

货号: **AYP14931**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: HeLa
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	47kDa
实测分子量	48kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,MCF7,HL-60,HeLa,SW480,Mouse skeletal muscle
细胞定位	Cytoplasm
纯化	Affinity purification

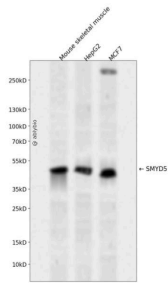
抗原信息

抗原信息	Recombinant protein of human SMYD5
------	------------------------------------

靶点信息

研究背景	Histone methyltransferase that specifically trimethylates 'Lys-20' of histone H4 to form trimethylated histone H4 lysine 20 (H4K20me3 which represents a specific tag for epigenetic transcriptional repression (By similarity. In association with the NCoR corepressor complex, is involved in the repression of toll-like receptor 4 (TLR4-target inflammatory genes in macrophages by catalyzing the formation of H4K20me3 at the gene promoters (By similarity. Plays an important role in embryonic stem (ES cell self-renewal and differentiation (By similarity. Promotes ES cell maintenance by silencing differentiation genes through deposition of H4K20me3 marks (By similarity. Maintains genome stability of ES cells during differentiation through regulation of heterochromatin formation and repression of endogenous repetitive DNA elements by depositing H4K20me3 marks.
基因ID	10322
基因名	SMYD5
Swiss	Q6GMV2
别名	SMYD5,NN8-4AG,RAI15,RRG1,ZMYND23,SMYD5 Rabbit pAb,Protein NN8-4AG,Retinoic acid-induced protein 15,SET and MYND domain-containing protein 5,[histone H3]-lysine20 N-trimethyltransferase SMYD5,[histone H4]-lysine36 N-trimethyltransferase SMYD5

产品验证



Western blot analysis of SMYD5 expressed in Mouse skeletal muscle, HepG2, MCF7 using SMYD5 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/>www.ablybio.cn)