

组蛋白去甲基化酶 UTX 抗体

产品货号： mlR16948

英文名称： KDM6A

中文名称： 组蛋白去甲基化酶 UTX 抗体

别名： bA386N14.2 (ubiquitously transcribed X chromosome tetratricopeptide repeat protein (UTX); bA386N14.2; bA386N14.2 ubiquitously transcribed X chromosome tetratricopeptide repeat protein UTX; DKFZp686A03225; Histone demethylase UTX; KABUK2; Kdm6a; KDM6A_HUMAN; Lysine (K) specific demethylase 6A; Lysine K specific demethylase 6A; Lysine specific demethylase 6A ubiquitously transcribed tetratricopeptide repeat gene X chromosome; Lysine-specific demethylase 6A; MGC141941; Ubiquitously transcribed tetratricopeptide repeat X chromosome; Ubiquitously transcribed tetratricopeptide repeat protein X linked; Ubiquitously transcribed TPR gene on the X chromosome; Ubiquitously transcribed TPR protein on the X chromosome; Ubiquitously transcribed X chromosome tetratricopeptide repeat protein; Ubiquitously-transcribed TPR protein on the X chromosome; Ubiquitously-transcribed X chromosome tetratricopeptide repeat protein; UTX.

研究领域： 细胞生物 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, Horse, Rabbit, Sheep,

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： 154kDa

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 KDM6A:661-750/1401

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： This gene is located on the X chromosome and is the corresponding locus to a Y-linked gene which encodes a tetratricopeptide repeat (TPR) protein. The encoded protein of this gene contains a JmjC-domain and catalyzes the demethylation of tri/dimethylated histone H3. [provided by RefSeq, Nov 2009]

Function:

Histone demethylase that specifically demethylates 'Lys-27' of histone H3, thereby playing a central role in histone code. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-27'. Plays a central role in regulation of posterior development, by regulating HOX gene expression. Demethylation of 'Lys-27' of histone H3 is concomitant with methylation of 'Lys-4' of histone H3, and regulates the recruitment of the PRC1 complex and monoubiquitination of histone H2A.

Subunit:

Interacts with TLE1 (By similarity).

Subcellular Location:

Nucleus.

Similarity:

Belongs to the UTX family.

Contains 1 JmjC domain.

Contains 8 TPR repeats.

SWISS:

O15550

Gene ID:

7403

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

