

乙型肝炎病毒 X 蛋白上调基因 4

产品货号： mIR2171

英文名称： URG4

中文名称： 乙型肝炎病毒 X 蛋白上调基因 4

别名： FLJ20654; HBV X protein up-regulated gene 4 protein; HBV X protein upregulated gene 4 protein; HBxAg up-regulated gene 4 protein; HBxAg upregulated gene 4 protein; KIAA1507; Up-regulator of cell proliferation; Upregulated gene 4; Upregulator of cell proliferation; URGCP; URGCP_HUMAN.

研究领域： 肿瘤 细胞生物 免疫学 细胞周期蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 105kDa

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human URG4:1-100/931

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： URG4 is upregulated in the presence of hepatitis B virus (HBV)-encoded X antigen (HBxAg) and may contribute to the development of hepatocellular carcinoma by promoting hepatocellular growth and survival (Tufan et al., 2002 [PubMed 12082552]).[supplied by OMIM, Mar 2008]

Function:

May be involved in cell cycle progression through the regulation of cyclin D1 expression. May participate in the development of hepatocellular carcinoma (HCC) by promoting hepatocellular growth and survival. May play an important role in development of gastric cancer.

Subcellular Location:

Cytoplasm. Nucleus. Note=In epithelial cells localized predominantly in the cytoplasm and occasionally in nuclei.

Tissue Specificity:

Strongly expressed in hepatitis B virus-infected liver and in HCC cells. Also highly expressed in well-differentiated gastric cancer tissues and various gastric cancer cell lines.

SWISS:

Q8TCY9

Gene ID:

55665

Important Note:

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

HBx 是 HBV 感染、复制、发病和可能致癌关键蛋白,是具有多种功能的病毒调节因子,在慢性 HBV 感染的病程中占有举足轻重的作用。URG4(Upregulated gene 4)也是一个从肝癌细胞中克隆出来的可以被 HBx 蛋白上调的新分子,URG4 过量表达在乙型肝炎感染和肝癌细胞中。