

胰岛素样生长因子 II mRNA 结合蛋白 2 抗体

产品货号： mlR36109

英文名称： IGF2BP2

中文名称： 胰岛素样生长因子 II mRNA 结合蛋白 2 抗体

别 名： Hepatocellular carcinoma autoantigen p62; IF2B2_HUMAN; IGF 2 mRNA binding protein 2; IGF II mRNA binding protein 2; IGF-II mRNA-binding protein 2; IGF2 mRNA-binding protein 2; Igf2bp2; IMP 2; IMP-2; IMP2; Insulin like growth factor 2 mRNA binding protein 2; Insulin-like growth factor 2 mRNA-binding protein 2; p62; VICKZ family member 2; VICKZ2; IGF2-BP2.

研究领域： 肿瘤 细胞生物 免疫学 信号转导 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： WB=1:500-2000 IHC-P=1:400-800 （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： 66kDa

细胞定位： 细胞浆

性 状： Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human IGF2BP2:

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： IGF2BP2 (insulin-like growth factor 2 mRNA binding protein 2) is also known as IGF2 mRNA-binding protein 2, IMP-2 (IGF-II mRNA-binding protein 2), VICKZ family member 2 or hepatocellular carcinoma autoantigen p62 and is a 556 amino acid protein. IGF2BP2 is expressed in a variety of tissues including heart, placenta, skeletal muscle, pancreas, fetal liver, lung, kidney, thymus and gonadal cells. IGF2BP2 is an RNA binding protein which may be involved in the regulation of mRNA translation and may also function to control the spatial localization of target mRNAs. Antibodies against IGF2BP2 have been detected in patients with HCC (hepatocellular carcinoma), suggesting that IGF2BP2 may have a role in the pathogenesis of HCC. Defects in IGF2BP2 are thought to be associated with susceptibility to type 2 diabetes mellitus.

Function:

Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs. Binding is isoform-specific. May regulate translation of target mRNAs.

Subunit:

Interacts with HNRPD and IGF2BP1.

Subcellular Location:

Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Localizes at the connecting piece and the tail of the spermatozoa.

Tissue Specificity:

Expressed in oocytes, granulosa cells of small and growing follicles, Leydig cells, spermatogonia and semen (at protein level). Expressed in testicular cancer (at protein level). Expressed weakly in heart, placenta, skeletal muscle, bone marrow, colon, kidney, salivary glands, testis and pancreas. Detected in fetal liver, fetal ovary, gonocytes and interstitial cells of the testis.

Similarity:

Belongs to the RRM IMP/VICKZ family br>Contains 4 KH domains.

Contains 2 RRM (RNA recognition motif) domains.

SWISS:

Q9Y6M1

Gene ID:

10644

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

