

莫洛尼白血病病毒蛋白 10 抗体

产品货号： mlR17730

英文名称： Mov10

中文名称： 莫洛尼白血病病毒蛋白 10 抗体

别名： DKFZp667O1423; FLJ32791; fSAP113; Functional spliceosome-associated protein 113; gb110; MGC2948; MOV10_MOUSE; Moloney leukemia virus 10 protein; MOV 10; Mov10 (Moloney leukemia virus 10, mouse) homolog; Mov10 (Moloney leukemia virus 10,) homolog; Mov10, Moloney leukemia virus 10, homolog (mouse); Mov10, Moloney leukemia virus 10, homolog; Putative helicase MOV10.

研究领域： 细胞生物 淋巴细胞 b-淋巴细胞 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, 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： 114kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from mouse Mov10:761-860/1004

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 : MOV10 is a RNA helicase that is required for RNA-mediated gene silencing by RISC (RNA-induced silencing complex). Significantly, MOV10 is also required for the transcription and replication of the human hepatitis delta virus, also known as hepatitis D. Belonging to the same family as MOV10, MOV10L1 (Moloney leukemia virus 10-like protein 1) is a 1211 amino acid RNA helicase that is expressed as three isoforms. Interestingly, isoform 1 is expressed exclusively in testis and isoform 2 is specifically expressed in cardiac myocytes. Isoform 1 may play a role in male germ cell development, whereas isoform 2 has been shown to potentiate phenylephrine-induced hypertrophic response in cardiomyocytes. Each isoform contains a RNA interaction motif, ATP binding site and helicase motif through which it carries out its function.

Function:

MOV10 may be an helicase with an important function in development and/or control of cell proliferation. RNA silencing processes are guided by small RNAs known as siRNAs and microRNAs (miRNAs). They reside in ribonucleoprotein complexes, which guide the cleavage of complementary mRNAs or affect stability and translation of partial complementary mRNAs. Argonaute (Ago) proteins are at the heart of silencing effector complexes and bind the single-stranded siRNA and miRNA. Ago1- and Ago2-containing complexes have been purified from human cells, resulting in the discovery of novel factors such as the putative RNA helicase MOV10, and the RNA recognition motif (RRM)-containing protein TNRC6B/KIAA1093. The new proteins localize, similar to Ago proteins, to mRNA-degrading cytoplasmic P bodies, and they are functionally required to mediate miRNA-guided mRNA cleavage.

Subcellular Location:

Cytoplasmic.

SWISS:

Q9HCE1



Gene ID:

17454

Important Note:

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