



异质核糖核蛋白 H 抗体

产品货号 : mlR17333

英文名称 : hnRNP H

中文名称 : 异质核糖核蛋白 H 抗体

别 名 : DKFZp686A15170; Heterogeneous nuclear ribonucleoprotein H; Heterogeneous nuclear ribonucleoprotein H1 (H); Heterogeneous nuclear ribonucleoprotein H1; HNRH1_HUMAN; hnRNP H; hnRNPH; hnRNPH1; HNRPH 1; HNRPH; HNRPH1 protein; N-terminally processed.

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, Zebrafish, Rhesus monkey, Gorilla, Opossum, Orangutan, Elephant

产品应用 : WB=1:500-2000 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：49kDa

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 hnRNP H:151-250/449

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 encodes a member of a subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA. These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some may shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNA and is very similar to the family member HNRPF. This gene may be associated with hereditary lymphedema type I. Alternatively spliced transcript variants have been described [provided by RefSeq, Mar 2012]

Function:

This protein is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. Mediates pre-mRNA alternative splicing regulation. Inhibits, together with CUGBP1, insulin receptor (IR) pre-mRNA exon 11 inclusion in myoblast. Binds to the IR RNA. Binds poly(RG).

Subunit:

Part of a ternary complex containing FUBP2, PTBP1, PTBP2 and HNRNPH1. Identified in the spliceosome C complex. Interacts with IGF2BP1. Interacts with CUGBP1; the interaction is RNA-dependent. Interacts with MBNL1; the interaction is RNA-independent.

Subcellular Location:

Nucleus; nucleoplasm.

Tissue Specificity:

Expressed ubiquitously.



Similarity:

Contains 3 RRM (RNA recognition motif) domains.

SWISS:

P31943

Gene ID:

3187

Important Note:

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