RRP4 蛋白抗体

产品货号： mlR18859

英文名称： RRP4

中文名称： RRP4 蛋白抗体

别　　名： EXOSC2; Exosome complex exonuclease RRP4; Exosome component 2; hRrp4p; OTTHUMP00000022370; OTTHUMP00000022371; OTTHUMP00000022372; OTTHUMP00000022373; OTTHUMP00000022374; p7; Ribosomal RNA processing protein 4; RRP4; Rrp4p.

研究领域： 细胞生物　转录调节因子　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, Zebrafish, Sheep, Macaque Monkey, Rhesus monkey, Gorilla, Opossum, Marmoset (c

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： 33kDa

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 human RRP4:51-150/293

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： Rrp4 and Ski7p are components of the cytoplasmic exosome complex, and together with the RNA helicase Ski2p they are necessary for degradation of deadenylated mRNA. Rrp4 is required for the 3’ to 5’ exonuclease activity that produces the 3’ end of the 5.8S rRNA. Rrp4 also functions as a subunit of the specialized trypanosome exosome complex.

Function:

The exosome, present in both the nucleus and cytoplasm of all eukaryotic cells, is a complex of 3'-5' exoribonucleases containing at least nine core components. Recently, it has been demonstrated, mainly by analyses in yeast, that the nuclear exosome is essential for rRNA processing and sn(o)RNA biogenesis. Furthermore, it is involved in the degradation of improperly processed mRNAs. The cytoplasmic exosome participates in normal mRNA turnover and in the degradation of inherently instable mRNAs that contain AU-rich elements. Therefore, the exosome plays a key role in RNA metabolism.

Subcellular Location:

Cytoplasmic, Exosome and Nuclear

Similarity:

Belongs to the RRP1 family.

SWISS:

Q13868

Gene ID:

23404

Important Note:

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