

细胞周期调控因子 P78 抗体

产品货号： mlR18734

英文名称： MCRS1/p78

中文名称： 细胞周期调控因子 P78 抗体

别名： 58 kDa microspherule protein; Cell cycle regulated factor (78 kDa); Cell cycle regulated factor p78; Cell cycle-regulated factor p78; ICP22BP; INO80 complex subunit J; MCRS 1; MCRS 2; MCRS1; MCRS1_HUMAN; MCRS2; Microspherule protein 1; MSP 58; MSP58; p78.

研究领域： 细胞生物 细胞周期蛋白 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, Dog, Cow, Horse, Sheep,

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： 52kDa

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 MCRS1/p78:341-440/462

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： MSP58 is a 462 amino acid protein that localizes to the nucleus and contains one FHA domain. Expressed at high levels during the S phase of the cell cycle and present in testis, prostate, thymus, spleen and colon, MSP58 functions to modulate the transcriptional activity of Daxx (a transcriptional repressor) by recruiting Daxx to the nucleolus. Additionally, MSP58 may play a role in the inhibition of TERT telomerase activity, further implicating MSP58 as an important protein in transcriptional regulation. The gene encoding MSP58 maps to human chromosome 12 and is expressed as multiple alternatively spliced isoforms. Encoding over 1,100 genes within 132 million bases, chromosome 12 makes up about 4.5% of the human genome and is associated with hypochondrogenesis, achondrogenesis and Kniest dysplasia.

Function:

Modulates the transcription repressor activity of DAXX by recruiting it to the nucleolus. May be an inhibitor of TERT telomerase activity.

Putative regulatory component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair.

Subcellular Location:

Nucleus. Nucleus > nucleolus. In microspherules in the nucleolus.

Tissue Specificity:

Detected in testis, and at lower levels in spleen, thymus, prostate, uterus, small intestine, colon and leukocytes.

Similarity:

Contains 1 FHA domain.

SWISS:

Q96EZ8

Gene ID:

10445

Important Note:

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