

核干细胞因子鸟嘌呤核苷酸结合蛋白 3 抗体

产品货号： mlR6846

英文名称： Nucleostemin

中文名称： 核干细胞因子鸟嘌呤核苷酸结合蛋白 3 抗体

别名： E2 induced gene 3 protein; E2IG3; Estradiol induced nucleotide binding protein; GNL3; Guanine nucleotide binding protein like 3 (nucleolar); Guanine nucleotide binding protein like 3; MGC800; NNP47; Novel nucleolar protein 47; NS; Nucleolar GTP binding protein 3; Nucleostemin; Putative nucleotide binding protein estradiol induced; C77032; GNL3_HUMAN.

研究领域： 细胞生物 神经生物学 干细胞 细胞类型标志物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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：62kDa

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 Nucleostemin:101-160/548

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 : Nucleostemin is a protein found in the nucleoli of embryonic stem cells, adult CNS stem cells, primitive cells in the bone marrow and cancer cells. It is not in the differentiated cells of most adult tissues. It has been suggested to play a role in controlling the cell cycle progression in stem cells and cancer cells.

Function:

May be required to maintain the proliferative capacity of stem cells and may play an important role in tumorigenesis.

Subunit:

Interacts with MDM2; this interaction stabilizes MDM2. Interaction with MDM2 occurs in the nucleoplasm and is triggered by a nucleolar release mechanism, such as mitosis-induced nucleolar disassembly (By similarity). Indirectly interacts with TP53, via MDM2-binding (By similarity).

Subcellular Location:

Nucleus. Nucleus. nucleolus. Shuttles between the nucleus and nucleolus.

Tissue Specificity:

Increased levels in lung tissue in cancer patients.

Similarity:

Belongs to the MMR1/HSR1 GTP-binding protein family.

Contains 1 G (guanine nucleotide-binding) domain.

SWISS:

Q9BVP2

Gene ID:

26354

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：

