蛋白酪氨酸磷酸酶非受体型 20 抗体

产品货号： mlR4431

英文名称： PTPN20

中文名称： 蛋白酪氨酸磷酸酶非受体型 20 抗体

别　　名： bA42B19.1; hPTPN20; Protein tyrosine phosphatase non receptor type 20; PTN20_HUMAN; PTP Typ; PTP Typ; Ptpn20; PTPN20A; PTPN20B; Tyrosine-protein phosphatase non-receptor type 20.

研究领域： 细胞生物　信号转导　激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig,

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： 48kDa

细胞定位： 细胞核 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PTPN20:261-360/420

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4

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 background:

The product of this gene belongs to the family of classical tyrosine-specific protein tyrosine phosphatases. Many protein tyrosine phosphatases have been shown to regulate fundamental cellular processes. The encoded protein appears to be targeted to sites of actin polymerization. A pseudogene of this gene has been defined on chromosome 10. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]

Function:

Tyrosine-protein phosphatase targeted to sites of actin polymerization in response of varied extracellular stimuli. Has tyrosine phosphatase activity towards various tyrosyl phosphorylated substrates.

Subcellular Location:

Nucleus. Cytoplasm. Cytoplasm > cytoskeleton > centrosome. Colocalizes with the microtubule-organizing center and intracellular membrane compartments.

Tissue Specificity:

Present in many cell lines (at protein level). Widely expressed.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Belongs to the protein-tyrosine phosphatase family.

Non-receptor class subfamily.

Contains 1 tyrosine-protein phosphatase domain.

SWISS:

Q4JDL3

Gene ID:

26095

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