

## 钙磷蛋白 1 抗体

产品货号： mlR12161

英文名称： Calcyphosine 1

中文名称： 钙磷蛋白 1 抗体

别名： Calcyphosin; Calcyphosine 1; Calcyphosine; CAPS; CAPS1; CAYP1\_HUMAN; Thyroid protein p24.

研究领域： 细胞生物 神经生物学 信号转导 结合蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Dog, Pig, Cow, Rabbit, 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： 21kDa

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 Calcyphosine 1:101-189/189

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** : CAPS1 is a 189 amino acid cytoplasmic protein that contains four EF-hand domains, which serve as calcium-binding sites, and was first identified in canine thyroid. Interestingly, CAPS1 is much less abundant in humans than in canines. Synthesis and phosphorylation of CAPS1 is upregulated by cAMP-agonists in thyrocytes. CAPS1 likely functions in the regulation of ionic transport and may be involved in cross-signaling between cAMP and Ca(+2)-phophatidylinositol cascades. In addition to thyriod, CAPS1 is expressed in brain, salivary glands and lung. Expression of CAPS1 is increased in endometrial cancer and prognosis seems to be dependent on the level of CAPS1 expression, indicating that CAPS1 may be an appropriate prognostic marker for patient survival.

**Function:**

Calcium-binding protein. May play a role in cellular signaling events.

**Subunit:**

Monomer. Does not form oligomers in the presence of calcium.

**Subcellular Location:**

Cytoplasm.

**Similarity:**

Contains 4 EF-hand domains.

**SWISS:**

Q13938

**Gene ID:**

828

**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

