

## 组氨酸三聚体核苷结合蛋白 1 抗体

产品货号： mlR10228

英文名称： HINT1

中文名称： 组氨酸三聚体核苷结合蛋白 1 抗体

别名： histidine triad nucleotide binding protein 1; Adenosine 5' monophosphoramidase; Adenosine 5'-monophosphoramidase; HINT 1; HINT-1; histidine triad nucleotide binding protein 1; histidine triad nucleotide binding protein; histidine triad nucleotide-binding protein; Histidine triad nucleotide-binding protein 1; PKCI 1; PKCI-1; PKCI1; PRKCNH1; Protein kinase C inhibitor 1; Protein kinase C interacting protein 1; Protein kinase C-interacting protein 1; HINT1\_HUMAN.

研究领域： 肿瘤 细胞生物 免疫学 结合蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

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

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： 14kDa

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 HINT1:41-126/126

**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：** The protein encoded by this gene can hydrolyze substrates such as AMP-morpholidate, AMP-N-alanine methyl ester, AMP-alpha-acetyl lysine methyl ester, and AMP-NH<sub>2</sub>. The encoded protein interacts with these substrates via a histidine triad motif, which is part of the loop that binds to the substrate. This gene has been found to be a tumor suppressing gene. Several transcript variants, but only one of them protein-coding, have been found for this gene. [provided by RefSeq, Dec 2012].

**Function:**

Hydrolyzes adenosine 5'-monophosphoramidate substrates such as AMP-morpholidate, AMP-N-alanine methyl ester, AMP-alpha-acetyl lysine methyl ester and AMP-NH<sub>2</sub>.

**Subunit:**

Homodimer. Interacts with CDK7.

**Subcellular Location:**

Cytoplasm. Nucleus. Note=Interaction with CDK7 leads to a more nuclear localization.

**Tissue Specificity:**

Widely expressed.

**Similarity:**

Belongs to the HINT family.

Contains 1 HIT domain.

**SWISS:**

P49773

**Gene ID:**

3094

**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

