

## 磷酸化 Runx3 抗体

产品货号： mlR4848

英文名称： phospho-RUNX3 (Ser338)

中文名称： 磷酸化 Runx3 抗体

别名： p-RUNX3(Ser338); RUNX 3; RUNX-3; Runt-related transcription factor 3; Core-binding factor, alpha 3 subunit; CBF-alpha 3; Acute myeloid leukemia 2 protein; Oncogene AML-2; Polyomavirus enhancer-binding protein 2 alpha C subunit; PEBP2-alpha C; PEA2-alpha C; SL3-3 enhancer factor 1 alpha C subunit; SL3/AKV core-binding factor alpha C subunit; Core-binding factor, alpha 3 subunit; CBF-alpha 3; Acute myeloid leukemia 2 protein; Oncogene AML-2; Polyomavirus enhancer-binding protein 2 alpha C subunit; PEBP2-alpha C; RUNX3\_HUMAN; PEA2-alpha C; SL3-3 enhancer factor 1 alpha C subunit; SL3/AKV core-binding factor alpha C subunit.

产品类型： 磷酸化抗体

研究领域： 肿瘤 细胞生物 免疫学 转录调节因子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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： 44kDa

细胞定位： 细胞核 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthesised phosphopeptide derived from human RUNX3 around the phosphorylation site of Ser338:TS(p-S)GS

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 background :

RUNX3 binds to the core site of murine Leukemia virus, the core sequences in the enhancer of the polyomavirus, and also to the enhancers of the T-cell receptor genes. May be involved in the control of cellular proliferation and/or differentiation (By similarity). Heterodimer of an alpha and a beta subunit. The alpha subunit binds DNA as a monomer and through the Runt domain. DNA-binding is increased by heterodimerization. Interacts with TLE1 and SUV39H1, Subcellular location in Nucleus.

#### Function:

CBF binds to the core site, 5'-PYGPYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, Ick, IL-3 and GM-CSF promoters.

#### Subunit:

Heterodimer of an alpha and a beta subunit. The alpha subunit binds DNA as a monomer and through the Runt domain. DNA-binding is increased by heterodimerization. Interacts with TLE1 and SUV39H1. The tyrosine phosphorylated form (via runt domain) interacts with SRC (via protein kinase domain). Interacts with FYN and LCK.

**Subcellular Location:**

Nucleus. Cytoplasm. The tyrosine phosphorylated form localizes to the cytoplasm.

**Post-translational modifications:**

Phosphorylated on tyrosine residues by SRC. Phosphorylated by LCK and FYN.

**Similarity:**

Contains 1 Runt domain.

**SWISS:**

Q13761

**Gene ID:**

864

**Important Note:**

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

RUNX3 基因被认为是一种新发现的抑癌基因,对胃癌细胞的生长有明显的抑制作用在胃黏膜上皮细胞调

控、对脊神经节的神经发育和 T 细胞分化中都发挥重要作用。随着研究的不断深入，Runx3 蛋白有望成为胃癌诊断的一个新型生物学标志物和基因治疗靶点。