



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; PEPP2-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; PEPP2-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'-PYGPGGGT-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。