

## 磷酸化转录因子 3 抗体

产品货号： mlR4662

英文名称： phospho-TCF3 (Ser39)

中文名称： 磷酸化转录因子 3 抗体

别名： TCF3/E2A(phospho Ser39); p-TCF3(phospho Ser39); p-E47(phospho Ser39); p-E47(phospho Ser39); bHLHb21; Class B basic helix-loop-helix protein 21; E12; E2A; E2A immunoglobulin enhancer binding factors E12/E47; E47; Helix loop helix protein HE47; Immunoglobulin enhancer-binding factor E12/E47; immunoglobulin transcription factor 1; ITF1; Kappa E2 binding factor; Kappa-E2-binding factor; MGC129647; MGC129648; Negative vitamin D response element binding protein; TCF-3; TCF3; TFE2; TFE2\_MOUSE; transcription factor 3; Transcription factor E2-alpha; Transcription factor ITF-1; VDIR; VDR interacting repressor.

产品类型： 磷酸化抗体

研究领域： 细胞生物 染色质和核信号 转录调节因子 结合蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 67kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthesised phosphopeptide derived from human TCF3 around the phosphorylation site of Ser39:PA(p-S)LA

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 :** Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer.

**Function:**

Transcriptional regulator. Involved in the initiation of neuronal differentiation. Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer. Binds to IEB1 and IEB2, which are short DNA sequences in the insulin gene transcription control region.

**Subunit:**

Forms a heterodimer with TWIST2. Forms a heterodimer with NEUROD1; the heterodimer is inhibited in presence of ID2, but not NROB2, to E-box element. Isoform E12 interacts with RALGAPA1 and FIGLA. Interacts with EP300. Efficient DNA binding requires dimerization with another bHLH protein (By similarity). Homodimer. Heterodimer. Interacts with PTF1A, TGFB1I1 and UBE2I. Component of a nuclear TAL-1 complex composed at least of CBFA2T3, LDB1, TAL1 and TCF3. Interacts with NEUROD2.

**Subcellular Location:**

Nucleus.

**Post-translational modifications:**

Phosphorylated following NGF stimulation (By similarity).

**Similarity:**

Contains 1 bHLH (basic helix-loop-helix) domain.

**SWISS:**

P15923

**Gene ID:**

6929

**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

