EGR1 结合蛋白 1 抗体

产品货号： mlR18994

英文名称： NAB1

中文名称： EGR1 结合蛋白 1 抗体

别　　名： EGR 1 binding protein 1; EGR-1-binding protein 1; EGR1 binding protein 1; NAB1; NAB1_HUMAN; NGFI A binding protein 1 (EGR1 binding protein 1); NGFI A binding protein 1; NGFI-A-binding protein 1; Transcriptional regulatory protein p54.

研究领域： 细胞生物　转录调节因子　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Pig, Cow, Horse, 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： 54kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human NAB1:401-487/487

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： Transcriptional control is in part regulated by interactions between DNA-bound transcription factors, such as Egr1/NGFI-A, and coregulatory proteins, such as NAB (for NGFI-A-binding proteins). The evolutionarily conserved NAB proteins, NAB1 and NAB2, are corepressors of Egr1/NGFI-A. Both NAB1 and NAB2 contain an amino-terminal NAB-conserved domain 1 (NCB1), which is required for binding NGFI-A, and a carboxy-terminal NCD2, which is responsible for the repressor function of NAB proteins. NAB1 requires NGFI-A to gain access to DNA, indicating that NAB1 is an active repressor that works by a direct mechanism. NAB1, which is constitutively expressed, is localized exclusively in the nucleus and may play a role in controlling processes such as cell division, differentiation and apoptosis.

Function:

Acts as a transcriptional repressor for zinc finger transcription factors EGR1 and EGR2.

Subcellular Location:

Nucleus.

Tissue Specificity:

Isoform Short is found in a myeloid leukemia cell line.

Similarity:

Belongs to the NAB family.

SWISS:

Q13506

Gene ID:

4664

Important Note:

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