

Rabbit Anti-Egr1/Cy5 Conjugated antibody

SL1076R-Cy5

Product Name	Anti-Egr1/Cy5
Chinese Name	Cy5 标记的早期生长应答蛋白 1 抗体
Alias	Egr-1; Early growth response 1; Krox-24; Ngf1; Ngfi; NGFI-A; zif-268; Egr1; A530045N19Rik; egr; Egr-1; ETR103; Krox-1; Krox-24; Krox24; NGF1-A; NGFI-A; NGFIA; TIS8; Zenk; Zfp-6; AT 225; AT225; Early growth response protein 1; G0S 30; G0S30; KROX 24; Krox 24 protein; KROX24; TIS 8; TIS8; Transcription factor ETR 103; Transcription factor ETR103; Transcription factor Zif 268; Transcription factor Zif268; Zfp 6; ZIF268; Zinc finger protein 225; ZNF 225; ZNF225; EGR1_HUMAN.
Research Area	Cell biology immunology Signal transduction Growth factors and hormones Cyclin transcriptional regulatory factor
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse,Rat IF=1:50-200
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	60kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Egr-1 (401-500aa)
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: The protein encoded by this gene belongs to the EGR family of C2H2-type

zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentiation and mitogenesis. Studies suggest this is a cancer suppressor gene. [provided by RefSeq].

Function:

Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-CGCCCCCGC-3'(EGR-site). Activates the transcription of target genes whose products are required for mitogenesis and differentiation.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the EGR C2H2-type zinc-finger protein family.
Contains 3 C2H2-type zinc fingers.

Database links:

[Entrez Gene: 1958](#) Human

[Entrez Gene: 13653](#) Mouse

[Omim: 128990](#) Human

[SwissProt: P18146](#) Human

[SwissProt: P08046](#) Mouse

[Unigene: 326035](#) Human

[Unigene: 708393](#) Human

[Unigene: 181959](#) Mouse

Important Note:

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

Egr-1 为即刻早期基因家族中的一个成员,是一种含 3 个锌指结构的转录因子。有研究表明 EGR-1 在细胞生长分化中发挥重要作用,如在细胞周期 G1-S 期的转换过程中 Egr-1 被诱导表达。