

Egr-1 Monoclonal Antibody

Catalog No: YM0212

Reactivity: Human

Applications: WB;ELISA

Target: Egr-1

Fields: >>Apelin signaling pathway;>>GnRH signaling pathway;>>Parathyroid hormone

synthesis, secretion and action;>>AGE-RAGE signaling pathway in diabetic complications;>>Prion disease;>>Human T-cell leukemia virus 1 infection

Gene Name: EGR1

Protein Name: Early growth response protein 1

P18146

P08046

Human Gene Id: 1958

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: Purified recombinant fragment of human Egr-1 (aa282-433) expressed in E.

Coli.

Specificity: Egr-1 Monoclonal Antibody detects endogenous levels of Egr-1 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Monoclonal, Mouse

Dilution: WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

Purification: Affinity purification

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 78kD

Cell Pathway: Prion diseases;

P References : 1. J Mol Biol. 2009 Nov 20;394(1):29-45.

2. Clin Chim Acta. 2010 Jan;411(1-2):67-71.

3. Gene. 2010 Jan 15;450(1-2):121-7.

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 differentitation and mitogenesis. Studies suggest this is a cancer suppressor gene. [provided by

RefSeq, Dec 2014],

Function: function:Transcriptional regulator. Recognizes and binds to the DNA sequence

5'-CGCCCCGC-3'(EGR-site). Activates the transcription of target genes whose products are required for mitogenesis and differentiation.,induction:By growth

factors., similarity: Belongs to the EGR C2H2-type zinc-finger protein

family., similarity: Contains 3 C2H2-type zinc fingers.,

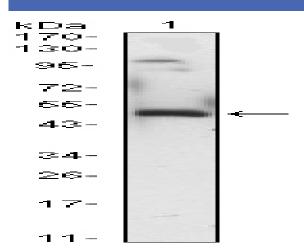
Subcellular

Location:

Expression: Detected in neutrophils (at protein level).

Nucleus . Cytoplasm .

Products Images



Western Blot analysis using Egr-1 Monoclonal Antibody against EGR1-hlgGFc transfected HEK293 (1)cell lysate.