



EGR1 (Early growth response 1)

Catalog number

030159

Supplier

United States Biological

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.

Applications

Western Blotting: 1:500-1:2000.

ELISA: Suggested dilution 1:10000.

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

Purified recombinant fragment of human EGR1(aa282-433) expressed in E. coli.

Formulation

Ascites fluid, 0.03% sodium azide.

Purity

Ascites

Specificity

Human

Product Type

Mab

Source

human

Isotype

IgG1

Grade

Ascites

Applications

E WB



Crossreactivity

Hu

Storage

-20°C

MW

57.5

Reference

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.