

Datasheet for ABIN3030794
anti-EGR2 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	EGR2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGR2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human Early growth response protein 2 (TMSQTQPDLDHLYSPP) was used as the immunogen for this EGR2 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	EGR2
Alternative Name:	EGR2 (EGR2 Products)
Background:	Early growth response protein 2 is a protein that in humans is encoded by the EGR2 gene. This gene is mapped to 10q21.3. The protein encoded by this gene is a transcription factor with three tandem C2H2-type zinc fingers. Defects in this gene are associated with Charcot-Marie-

Target Details

Tooth disease type 1D(CMT1D), Charcot-Marie-Tooth disease type 4E(CMT4E), and with Dejerine-Sottas syndrome(DSS). EGR2 assists with SUMO1 conjugation to its coregulators NAB1 and NAB2, whose sumoylation down-regulates EGR2 own transcriptional activity.

UniProt: [P11161](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the EGR2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

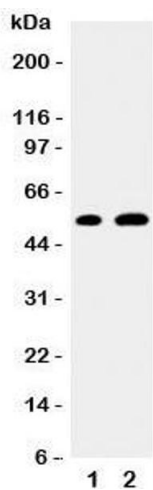
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

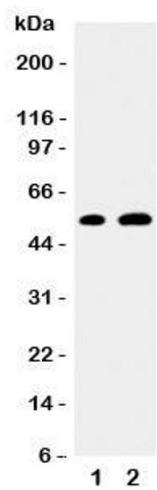
Storage Comment: After reconstitution, the EGR2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of EGR2 antibody and Lane 1: mouse NIH3T3; 2: human MCF-7 cell lysate. Expected/observed size ~53KD



Western Blotting

Image 2. Western blot testing of EGR2 antibody and Lane 1:
mouse NIH3T3