

Datasheet for ABIN389442
anti-EGR1 antibody (N-Term)

4 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	EGR1
Binding Specificity:	AA 9-37, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	This EGR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-37 amino acids from the N-terminal region of human EGR1.
Clone:	RB19179
Isotype:	Ig Fraction
Predicted Reactivity:	X, B
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	EGR1
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Target Details

Alternative Name:	EGR1 (EGR1 Products)
Background:	EGR1 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.
Molecular Weight:	57507
Gene ID:	1958
NCBI Accession:	NP_001955
UniProt:	P18146
Pathways:	Regulation of Carbohydrate Metabolic Process , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

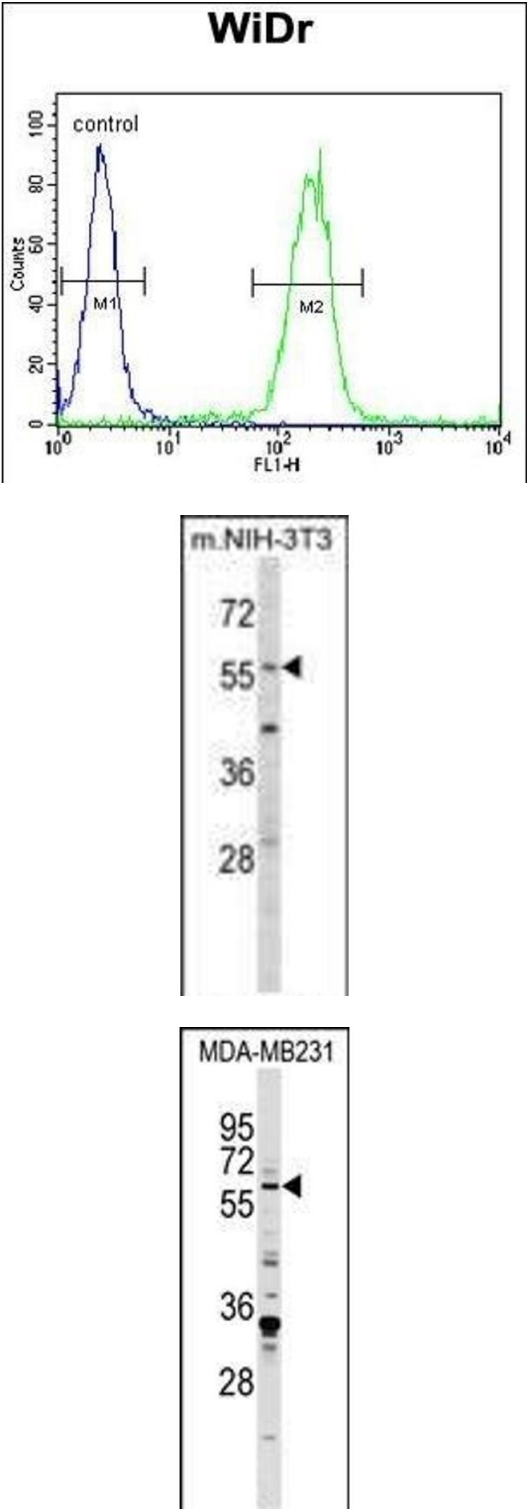
Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Lei, Chen, Huang, Wu, Lin, Lai: "Proteomic analysis of the effect of extracellular calcium ions on human mesenchymal stem cells: Implications for bone tissue engineering." in: Chemico-biological interactions , Vol. 233, pp. 139-46, (2015) (PubMed).
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Flow Cytometry

Image 1. EGR1 Antibody (N-term) (ABIN389442 and ABIN2839514) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of EGR1 Antibody (N-term) (ABIN389442 and ABIN2839514) in mouse NIH-3T3 tissue lysates (35 µg/lane). EGR1 (arrow) was detected using the purified Pab.

Western Blotting

Image 3. EGR1 Antibody (N-term) (ABIN389442 and ABIN2839514) western blot analysis in MDA-M cell line lysates (35 µg/lane).This demonstrates the EGR1 antibody detected the EGR1 protein (arrow).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN389442.