

Rabbit EGR1 Polyclonal Antibody | anti-EGR1 antibody

EGR1 Antibody (N-term)

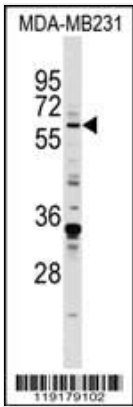
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285444	Rabbit	Human, mouse (Predicted Reactivity: Xenopus, Bovine)	Immunofluorescence, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

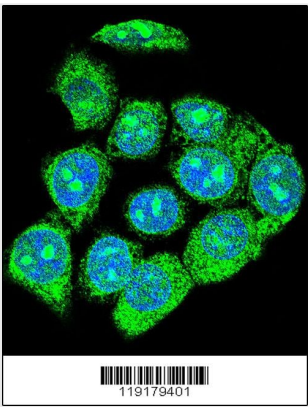
EGR1; Polyclonal Antibody; EGR1 Antibody (N-term); Early growth response protein 1; EGR-1; AT225; Nerve growth factor-induced protein A; NGFI-A; Transcription factor ETR103; Transcription factor Zif268; Zinc finger protein 225; Zinc finger protein Krox-24; KROX24; ZNF225; anti-EGR1 antibody

PRODUCT SPECIFICATIONS

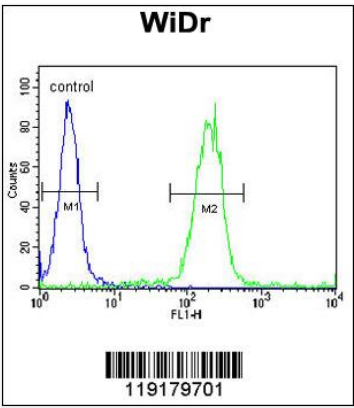
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Xenopus, Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EGR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-37 amino acids from the N-terminal region of human EGR1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	9-37
Sequence Length	543
Applicable Applications for anti-EGR1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



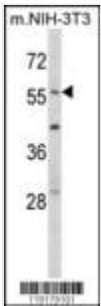
WB (Western Blot)
EGR1 Antibody (N-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the EGR1 antibody detected the EGR1 protein (arrow).



IF (Immunofluorescence)
Confocal immunofluorescent analysis of EGR1 Antibody (N-term) with hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
EGR1 Antibody (N-term) 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.



WB (Western Blot)
Western blot analysis of EGR1 Antibody (N-term) in mouse NIH-3T3 tissue lysates (35ug/lane). EGR1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-EGR1 antibody	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.
Product Categories/Family for anti-EGR1 antibody	Cancer; Neuroscience
References	Chan, I.H., et.al., Clin. Chim. Acta 411 (1-2), 67-71 (2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503493
NCBI GeneID	1958
NCBI Accession #	NP_001955.1
NCBI GenBank Nucleotide #	NM_001964.2
UniProt Accession #	P18146
Molecular Weight	57507
NCBI Official Full Name	early growth response protein 1

NCBI Official Synonym Full Names	early growth response 1
NCBI Official Symbol	EGR1
NCBI Official Synonym Symbols	TIS8; AT225; G0S30; NGFI-A; ZNF225; KROX-24; ZIF-268
NCBI Protein Information	early growth response protein 1
UniProt Protein Name	Early growth response protein 1
UniProt Gene Name	EGR1
UniProt Synonym Gene Names	KROX24; ZNF225; EGR-1; NGFI-A
UniProt Entry Name	EGR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/egr1-antibody-immunofluorescence-flow-cytometry-western-blot-elisa/285444>