

Rabbit EGR2 Monoclonal Antibody | anti-EGR2 antibody

EGR2 Antibody

CATALOG # AAA312669	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

EGR2; Monoclonal Antibody; EGR2 Antibody; AT591 antibody; CMT1D antibody; CMT4E antibody; DKFZp686J1957 antibody; E3 SUMO-protein ligase EGR2 antibody; Early growth response 2 antibody; Early growth response protein 2 antibody; EGR-2 antibody; egr2 antibody; EGR2_HUMAN antibody; FLJ14547 antibody; KROX 20 Drosophila homolog antibody; Krox 20 homolog Drosophila antibody; KROX-20; Drosophila; homolog (early growth response-2) antibody; KROX20 antibody; Krox20 protein antibody; Zinc finger protein Krox-20 antibody; anti-EGR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JG78-39
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-EGR2 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of SH-SY-5Y cells with EGR2 antibody at 1/50 dilution (Fuchsia) compared with an unlabelled control (cells without incubation with primary antibody; Yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of EGR2 on MCF-7 and SH-SY-5Y cell lysates using anti-EGR2 at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-EGR2 antibody	The protein encoded by this gene is a transcription factor with three tandem C2H2-type zinc fingers. Binds to two specific DNA sites located in the promoter region of HOXA4. E3 SUMO-protein ligase helping SUMO1 conjugation to its coregulators NAB1 and NAB2, whose sumoylation down-regulates EGR2 own transcriptional activity. Defects in this gene are associated with Charcot-Marie-Tooth disease type 1D (CMT1D), Charcot-Marie-Tooth disease type 4E (CMT4E), and with Dejerine-Sottas syndrome (DSS). Multiple transcript variants encoding two different isoforms have been found for this gene.
Product Categories/Family for anti-EGR2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	33112654
NCBI GeneID	1959
UniProt Accession #	P11161; Q68CZ5; Q8IV26; Q9UNA6; B2R724; B3KRD7
Molecular Weight	50,302 Da
NCBI Official Full Name	E3 SUMO-protein ligase EGR2
NCBI Official Synonym Full Names	early growth response 2
NCBI Official Symbol	EGR2
NCBI Official Synonym Symbols	AT591; CMT1D; CMT4E; KROX20
NCBI Protein Information	E3 SUMO-protein ligase EGR2; zinc finger protein Krox-20; early growth response protein 2; KROX-20, Drosophila, homolog (early growth response-2)
UniProt Protein Name	E3 SUMO-protein ligase EGR2
UniProt Gene Name	EGR2
UniProt Synonym Gene Names	KROX20; EGR-2
UniProt Entry Name	EGR2_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/monoclonal/egr2-antibody-clone-jg78-39-flow-cytometry-western-blot-elisa/312669>