

Rabbit EGR2 Polyclonal Antibody | anti-EGR2 antibody

EGR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321050	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

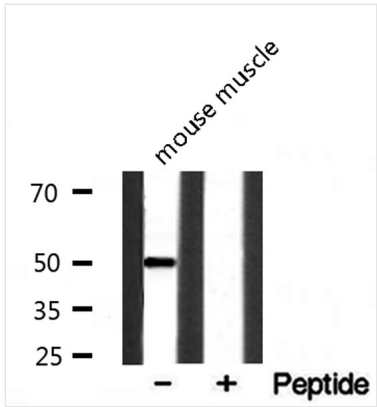
PRODUCT SYNONYMS

EGR2; Polyclonal Antibody; EGR2 Antibody; AT225; AT591; CMT1D; CMT4E; E3 SUMO-protein ligase EGR2; Early growth response 1; Early growth response 2; Early growth response protein 1; Early growth response protein 2; EGR1; G0S30; KROX-24; KROX20; Nerve growth factor-induced protein A; NGFI A; NGFI-A; TIS8; Transcription factor ETR103; Transcription factor Zif268; ZIF-268; Zinc finger protein 225; Zinc finger protein Krox-20; Zinc finger protein Krox-24; ZNF225; anti-EGR2 antibody

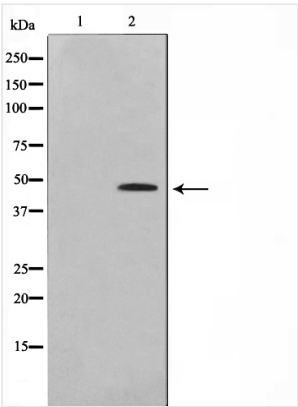
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EGR2 antibody detects endogenous levels of EGR2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	476
Applicable Applications for anti-EGR2 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human EGR2
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis on mouse muscle lysate using EGR2 Antibody



WB (Western Blot)
Western blot analysis on HeLa cell lysate using EGR2 Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EGR2 antibody	Description: The early growth response protein 2 is a transcription factor with three tandem C2H2-type zinc fingers. Mutations in this gene are associated with the autosomal dominant Charcot-Marie-Tooth disease, type 1. Function: Sequence-specific DNA-binding transcription factor. Binds to two specific DNA sites located in the promoter region of HOXA4. Subunit Structure: Interacts with HCFC1. Interacts with WWP2. Interacts with UBC9. Post-translational Modifications: Ubiquitinated by WWP2 leading to proteasomal degradation. Similarity: Belongs to the EGR C2H2-type zinc-finger protein family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9845524
NCBI GeneID	1959
NCBI Accession #	NP_000390.2
NCBI GenBank Nucleotide #	NM_000399.4
UniProt Accession #	P11161; Q68CZ5; Q8IV26; Q9UNA6; B2R724; B3KRD7
Molecular Weight	Observed: 50 kDa Predicted: 51 kDa
NCBI Official Full Name	E3 SUMO-protein ligase EGR2 isoform a
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
UniProt Protein Name	E3 SUMO-protein ligase EGR2
UniProt Gene Name	EGR2
UniProt Synonym Gene Names	KROX20; EGR-2

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.