Rabbit EGR1 Polyclonal Antibody | anti-EGR1 antibody

EGR1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198134	**Rabbit**	**Tested Species Reactivity: Mouse, FrogPredicted Species Reactivity: Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Sheep**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

EGR1; Polyclonal Antibody; EGR1 antibody - N-terminal region; anti-EGR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Mouse, Frog Predicted Species Reactivity: Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Sheep
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	1.0mg/mL (varies by lot)
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:GT PEGSGGNSSS STSSGGGGGG GSNSGSSAFN PQGEPSEQPY EHLTTESF
Sequence Length	533
Applicable Applications for anti-EGR1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of mouse EGR1
Predicted Homology	Cow: 92%; Dog: 75%; Horse: 85%; Mouse: 100%; Pig: 85%; Rabbit: 77%; Rat: 100%; Sheep: 92%
Protein Size (#AA)	533 amino acids
Protein Interactions	Sp1; Pin1; Sf1; Pitx1; Nab2; Egr1; G3bp1; Srf; Smarca4; Elk1; Hist4h4; Nelfe; Tbp; Gtf2b; Cdk8
Blocking Peptide	For anti-EGR1 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
WB Suggested Anti-EGR1 Antibody Titration: 2.5ug/mlELISA Titer: 1:12500Positive Control: NIH/3T3 cell lysate

IHC (Immunohiostchemistry)
Sample Type :Frog brainPrimary Antibody Dilution :1:500Secondary Antibody :Biotinylated goat anti-rabbitSecondary Antibody Dilution :1:200Color/Signal Descriptions :Black: EGF1Gene Name :EGR1 aSubmitted by :Eva Fischer, Colorado State University

IHC (Immunohistochemistry)
Sample Type :Frog brainPrimary Antibody Dilution :1:500Secondary Antibody :Biotinylated goat anti-rabbitSecondary Antibody Dilution :1:200Color/Signal Descriptions :Black: EGF1Gene Name :EGR1 aSubmitted by :Eva Fischer, Colorado State University

ADDITIONAL INFORMATION

Related Product Information for anti-EGR1 antibody	Early Growth Response Protein 1 (EGR1, Krox-24 protein, nerve growth factor-induced protein A, Transcription factor ETR103, Zinc finger protein 225) 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 differentitation and mitogenesis. Studies suggest this is a cancer suppresor gene.
Product Categories/Family for anti-EGR1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Chromatin & Nuclear Signaling; Sumoylation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	6681285
NCBI GeneID	13653
NCBI Accession #	NP_031939
NCBI GenBank Nucleotide #	NM_007913
UniProt Accession #	P08046
Molecular Weight	59kDa
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	egr; TIS8; Zenk; Egr-1; NGFIA; Zfp-6; ETR103; Krox-1; Krox24; NGF1-A; NGFI-A; Zif268; Krox-24; A530045N19Rik
NCBI Protein Information	early growth response protein 1
UniProt Protein Name	Early growth response protein 1
UniProt Gene Name	**Egr1**
UniProt Synonym Gene Names	; NGFI-A

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/egr1-antibody-western-blot-immunohistochemistry-elisa/198134