

Anti-EGR2 antibody



Description	Unconjugated Rabbit polyclonal to EGR2
Model	STJ190192
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human EGR2 protein.
Immunogen Region	340-420aa
Gene ID	1959
Gene Symbol	EGR2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	EGR2 Polyclonal Antibody detects endogenous levels of protein.
Purification	EGR2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	E3 SUMO-protein ligase EGR2 AT591 Early growth response protein 2 EGR-2 Zinc finger protein Krox-20
Molecular Weight	52 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3239 OMIM:129010
Alternative Names	E3 SUMO-protein ligase EGR2 AT591 Early growth response protein 2 EGR-2 Zinc finger protein Krox-20
Function	Sequence-specific DNA-binding transcription factor. 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.
Cellular Localization	Nucleus.
Post-translational Modifications	Ubiquitinated by WWP2 leading to proteasomal degradation.

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