

Anti-EGR2 Antibody

**Description**

The protein encoded by this gene is a transcription factor with three tandem C2H2-type zinc fingers. 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.

Model	STJ117246
Host	Rabbit
Reactivity	Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human EGR2 (NP_000390.2).
Gene ID	1959
Gene Symbol	EGR2
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	E3 SUMO-protein ligase EGR2
Molecular Weight	50.302 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:3239OMIM:129010Reactome:R-HSA-381340
Alternative Names	E3 SUMO-protein ligase EGR2
Function	Sequence-specific DNA-binding transcription factor, Binds to two specific DNA sites located in the promoter region of HOXA4,
Cellular Localization	Nucleus
Post-translational Modifications	Ubiquitinated by WWP2 leading to proteasomal degradation,

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com