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anti-EGR2 antibody

Images



Overview 100 μL Quantity: Target: EGR2 Reactivity: Human Host: Rabbit Clonality: Polyclonal Conjugate: This EGR2 antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) **Product Details**

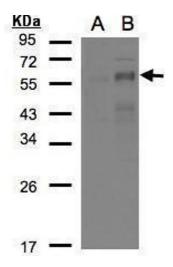
Immunogen: Recombinant protein encompassing a sequence within the center region of human EGR2. The exact sequence is proprietary. IgG Isotype: Cross-Reactivity: Human, Mouse, Zebrafish (Danio rerio) Rabbit Polyclonal antibody to EGR2 (early growth response 2) Characteristics: EGR2 antibody Purification: Purified by antigen-affinity chromatography.

Target Details

Target:	EGR2
Alternative Name:	early growth response 2 (EGR2 Products)

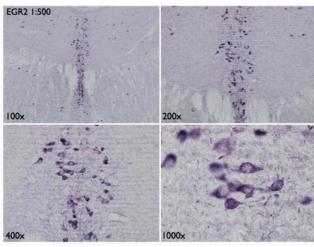
Target Details

Background:	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.
	Cellular Localization: Nucleus
Molecular Weight:	50 kDa
Gene ID:	1959
UniProt:	P11161
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-Fr: 1:100-1:1000. Optimal dilutions/concentrations should be determine by the researcher. Not tested in other applications.
Comment:	Positive Control: EGR2 transfected 293T
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Western Blot analysis of EGR2 expression in transfected 293T cell line by EGR2 polyclonal antibody. A: Non-transfected lysate. B: EGR2 transfected lysate. 12% SDS PAGE antibody diluted at 1:500



Immunohistochemistry

Image 2. IHC-Fr Image Immunohistochemical analysis of mouse brain tissue (paraformaldehyde-fixed frozen sections), using EGR2, antibody at 1:500 dilution.