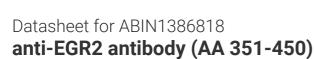
antibodies -online.com









Go to Product page

Ove	erview
_	

Quantity:	100 μL
Target:	EGR2
Binding Specificity:	AA 351-450
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EGR2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target Details

Alternative Name:	EGR2 (EGR2 Products)
Background:	Synonyms: CMT1D, CMT4E, DKFZp686J1957, Early growth response 2, Early growth response
	protein 2, EGR-2, egr2, EGR2_HUMAN, FLJ14547, KROX 20 Drosophila homolog, Krox 20
	homolog Drosophila, KROX20, Krox20 protein, Zinc finger protein Krox-20, AT591.
	Background: Egr proteins function in transcription regulatory activities surrounding cellular
	growth, differentiation and function. The deduced amino acid sequences of human Egr-2 and
	mouse Egr-1 are 92 % identical in the zinc finger region but show no homology elsewhere. Egr-2
	is a sequence-specific DNA-binding transcription factor that binds two specific DNA sites
	located in the promoter region of HoxA4 and localizes to the nucleus. Defects in the Egr-2
	protein are a cause of congenital hypomyelination neuropathy (CHN). CHN is characterized
	clinically by early onset of hypotonia, areflexia, distal muscle weakness and very slow nerve
	conduction velocities. Mutations in the gene that encodes Egr-2 (EGR2) also cause Dejerine-
	Sottas syndrome (DSS), which is also known as Dejerine-Sottas neuropathy (DSN) or hereditary
	motor and sensory neuropathy III (HMSN3). DSS patients exhibit severe early onset motor and
	sensory neuropathy with very slow nerve conduction velocities and elevated cerebrospinal fluid
	protein concentrations.
Gene ID:	1959
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	
Product cited in:	Balakrishnan, Stykel, Touahri, Stratton, Biernaskie, Schuurmans: "Temporal Analysis of Gene Expression in the Murine Schwann Cell Lineage and the Acutely Injured Postnatal Nerve." in:

PLoS ONE, Vol. 11, Issue 4, pp. e0153256, (2016) (PubMed).