Datasheet for ABIN7101509

anti-EGR2 antibody

2 Images

Go to Product page

Overview

Quantity:	20 µL
Target:	EGR2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This EGR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	A synthesized peptide derived from human EGR2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	EGR2
Alternative Name:	EGR2 (EGR2 Products)
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

Target Details

	(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. [provided by RefSeq, Oct 2008],AT591, CMT1D, CMT4E, KROX20,Epigenetics & Nuclear Signaling,Neurodegenerative Diseases,Neuroscience,Transcription Factors,EGR2
Molecular Weight:	53 kDa
Gene ID:	1959
UniProt:	P11161

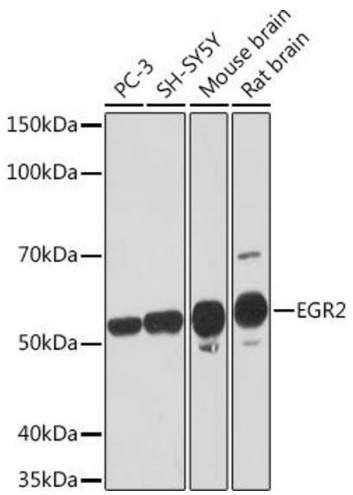
Application Details

Application Notes:	WB,1:500 - 1:2000,IP,1:50 - 1:200
Restrictions:	For Research Use only

Handling

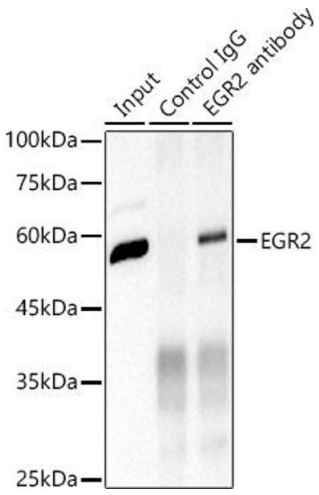
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using EGR2 Rabbit mAb (ABIN1682321, ABIN7101509, ABIN7101510 and ABIN7101511) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3 min.



Immunoprecipitation

Image 2. Immunoprecipitation analysis of 600 µg extracts of Mouse brain cells using 3 µg EGR2 antibody (ABIN1682321, ABIN7101509, ABIN7101510 and ABIN7101511). Western blot was performed from the immunoprecipitate using EGR2 antibody (ABIN1682321, ABIN7101509, ABIN7101510 and ABIN7101511) at a dilition of 1:500.

 Copyright antibodies-online. All rights reserved.