

### Anti-EGR2 antibody ab43020

★★★★★ [2 Abreviews](#) [14 References](#)

#### 概述

##### 产品名称

Anti-EGR2抗体

##### 描述

兔多克隆抗体to EGR2

① 该产品是 **快线抗体**，通过亲和纯化得到。对抗原肽有高灵敏度及特异性(ELISA测试)。

[Read the terms of use »](#)

##### 宿主

Rabbit

##### 种属反应性

与反应: Human

预测可用于: Mouse, Rat, Pig 

##### 免疫原

Synthetic peptide conjugated to KLH derived from within residues 150 - 250 of Human EGR2. 参阅Abcam的专有抗源政策(Peptide available as [ab43767](#).)

##### 常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

#### 性能

##### 形式

Liquid

##### 存放说明

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

##### 存储溶液

pH: 7.40

Preservative: 0.02% Sodium azide

Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

##### 纯度

Immunogen affinity purified

克隆	多克隆
同种型	IgG

## 应用

Fast track antibodies constitute a diverse group of products that have been released to accelerate your research, but are not yet fully characterized. They have all been affinity purified and show high titre values against the immunizing peptide (by ELISA).

### Fast track terms of use

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration. This antibody gave a positive result in ELISA against the immunizing peptide ( <a href="#">ab43767</a> ).

## 靶标

功能	Sequence-specific DNA-binding transcription factor. Binds to two specific DNA sites located in the promoter region of HOXA4.
疾病相关	<p>Defects in EGR2 are a cause of congenital hypomyelination neuropathy (CHN) [MIM:605253]. Inheritance can be autosomal dominant or recessive. Recessive CHN is also known as Charcot-Marie-Tooth disease type 4E (CMT4E). CHN is characterized clinically by early onset of hypotonia, areflexia, distal muscle weakness, and very slow nerve conduction velocities.</p> <p>Defects in EGR2 are a cause of Charcot-Marie-Tooth disease type 1D (CMT1D) [MIM:607678]. CMT1D is a form of Charcot-Marie-Tooth disease, the most common inherited disorder of the peripheral nervous system. Charcot-Marie-Tooth disease is classified in two main groups on the basis of electrophysiologic properties and histopathology: primary peripheral demyelinating neuropathy or CMT1, and primary peripheral axonal neuropathy or CMT2. Neuropathies of the CMT1 group are characterized by severely reduced nerve conduction velocities (less than 38 m/sec), segmental demyelination and remyelination with onion bulb formations on nerve biopsy, slowly progressive distal muscle atrophy and weakness, absent deep tendon reflexes, and hollow feet.</p> <p>Defects in EGR2 are a cause of Dejerine-Sottas syndrome (DSS) [MIM:145900]; also known as Dejerine-Sottas neuropathy (DSN) or hereditary motor and sensory neuropathy III (HMSN3). DSS is a severe degenerating neuropathy of the demyelinating Charcot-Marie-Tooth disease category, with onset by age 2 years. DSS is characterized by motor and sensory neuropathy with very slow nerve conduction velocities, increased cerebrospinal fluid protein concentrations, hypertrophic nerve changes, delayed age of walking as well as areflexia. There are both autosomal dominant and autosomal recessive forms of Dejerine-Sottas syndrome.</p>
序列相似性	<p>Belongs to the EGR C2H2-type zinc-finger protein family.</p> <p>Contains 3 C2H2-type zinc fingers.</p>
翻译后修饰	Ubiquitinated by WWP2 leading to proteasomal degradation.
细胞定位	Nucleus.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors