

A3219

Leader in Biomolecular Solutions for Life Science



## EGR2 Rabbit mAb

Catalog No.: A3219

Recombinant

### Basic Information

#### Observed MW

50kDa

#### Calculated MW

50kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB,IP,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

#### CloneNo number

ARC1932

### 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.

### Recommended Dilutions

**WB** 1:500 - 1:1000

**IP** 0.5µg-4µg antibody for  
400µg-600µg extracts  
of whole cells

**ELISA** Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

### Immunogen Information

#### Gene ID

1959

#### Swiss Prot

P11161

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

#### Synonyms

AT591; CMT1D; CMT4E; KROX20; EGR2

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

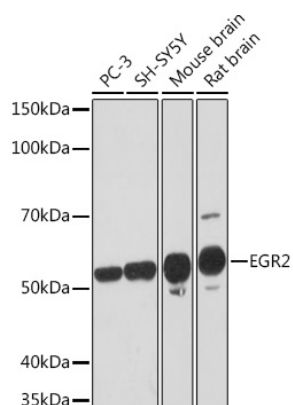
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

### Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data



Western blot analysis of various lysates using EGR2 Rabbit mAb (A3219) at 1:1000 dilution.

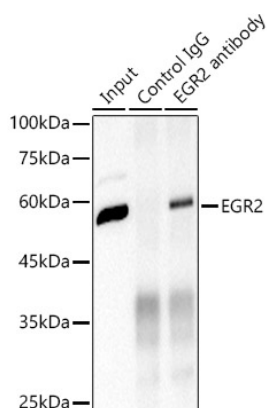
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.



Immunoprecipitation analysis of 600 µg extracts of Mouse brain cells using 3 µg EGR2 antibody (A3219). Western blot was performed from the immunoprecipitate using EGR2 antibody (A3219) at a dilution of 1:500.