

#### **International Office**

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# EB08086 - Goat Anti-EGR4 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: EGR4, early growth response 4, NGFI-C, NGFIC, PAT133

Official Symbol: EGR4

Accession Number(s): NP\_001956.2

Human GenelD(s): 1961

#### **Immunogen**

Peptide with sequence NCGSQGDYQAAPE, from the internal region of the protein sequence according to NP\_001956.2.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

#### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:4000.

**Western blot:** Approx 50kDa band observed in Human Brain (Cerebellum and Frontal Cortex) lysates (calculated MW of 50.8kDa according to NP\_001956.2). Recommended concentration: 0.3-1µg/ml.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB08086 (0.3 $\mu$ g/ml) staining of Human Brain (Hippocampus) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.