



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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 GeneID(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



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.