

## UK Office

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

## EB07809 - Goat Anti-EBF1 / COE1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EBF1, early B-cell factor 1, COE1, EBF, O/E-1, OLF1, Collier, Olf and EBF transcription factor 1, early B-cell factor olfactory neuronal transcription factor 1

**Official Symbol:** EBF1

**Accession Number(s):** NP\_076870.1

**Human GeneID(s):** [1879](#)

**Non-Human GeneID(s):** 13591 (mouse), 116543 (rat)

**Important Comments:** This antibody is expected not to cross-react with EBF2, EBF3 and EBF4.

### Immunogen

Peptide with sequence C-HNQLPALANTSV, from the internal region of the protein sequence according to NP\_076870.1.

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 1:64000.

**Western blot:** Approx. 75kDa band observed in Human Adipose lysates (calculated MW of 64.5kDa according to NP\_076870.1). Recommended concentration: 0.3-0.1µg/ml.

**Immunoprecipitation:** Anonymous customer used this product successfully in IP from induced 3T3-L1 expressing FLAG-EBF1.

### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Rat



EB07809 (0.3 $\mu$ g/ml) staining of Human Adipose lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.