

## UK Office

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

## EB05244 - Goat Anti-ATF7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ATF7, ATFA, activating transcription factor 7, MGC57182

**Official Symbol:** ATF7

**Accession Number(s):** NP\_001123531.1; NP\_006847.1; NP\_001123532.1

**Human GeneID(s):** [11016](#)

**Important Comments:** This antibody is expected to recognise all three reported isoforms (NP\_001123531.1, NP\_006847.1 and NP\_001123532.1).

### Immunogen

Peptide with sequence C-HVIMTPQSQSAGR, from the C Terminus of the protein sequence according to NP\_001123531.1; NP\_006847.1; NP\_001123532.1.

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 1:128000.

**Western blot:** Approx 55kDa band observed in Human Heart lysates (calculated MW of 53.0kDa according to NP\_001123531.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Rat, Dog, Cow



EB05244 (1 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.