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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 GenelD(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 (1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.