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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

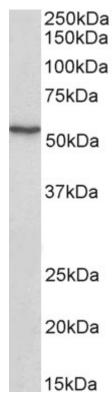
Peptide ELISA: antibody detection limit dilution 1:128000.

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