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

EB05198-T - Goat Anti-ATF2 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: ATF2, activating transcription factor 2, HB16, CREB2, TREB7, CRE-BP1, cAMP responsive element binding protein 2, MGC111558, activating transcription factor 2 splice variant ATF2-var2, cAMP responsive element binding protein 2, formerly

Official Symbol: ATF2

Accession Number(s): NP_001871.2

Human GeneID(s): [1386](#)

Non-Human GeneID(s): 81647 (rat)

Immunogen

Peptide with sequence C-IVMAPSSQSQPSGS, from the C Terminus of the protein sequence according to NP_001871.2.

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 1:32000.

Western blot: Approx 55kDa and 30kDa bands observed in lysates of Human Placenta. These bands correspond to earlier findings in literature (Bailey et al, J Clin Endocrinol Metab. 2002 Apr;87(4):1717-28.; PMID: 11932306). Approx 75kDa observed in nuclear lysates of cell lines HeLa, HepG2 and K562 (calculated MW of 54.5kDa according to NP_001871.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Knippen et al, Anticancer Res. 2009 Jan;29(1):183-189 ; PMID: 19331149). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

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

EB05198 staining (0.5µg/ml) of Human Placenta lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.

EB05198 (1µg/ml) staining of HepG2 (A), K562 (B) and HeLa (C) nuclear lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.