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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05198-T - Goat Anti-ATF2 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

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

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: Experiments gave bands at approx 55kDa and 30kDa in lysates of Human Placenta and of cell line HeLa after 0.5µg/ml antibody staining. These bands correspond to earlier findings in literature with different antibodies (Bailey et al , J Clin Endocrinol Metab. 2002 Apr;87(4):1717-28.; PMID: 11932306). This protein has a calculated MW of 54.5kDa according to NP_001871.2. Recommended concentration: 0.5-1.5µg/ml.

Species Reactivity

Tested: Human

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



EB05198 staining (0.5 μ g/ml) of Human Placenta lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 12 hour. Detected by western blot using chemiluminescence.