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Research Use Only. Not for diagnostic or therapeutic use.

EB05247-T - Goat Anti-ATF4 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: ATF4, activating transcription factor 4 (tax-responsive enhancer element B67), CREB2, TXREB, CREB-2, TAXREB67, OTTHUMP00000199130, activating transcription factor 4, cAMP response element-binding protein 2

Official Symbol: ATF4

Accession Number(s): NP_001666.2; NP_877962.1

Human GeneID(s): 468

Non-Human GenelD(s): 11911 (mouse), 79255 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_001666.2; NP_877962.1).

Immunogen

Peptide with sequence C-EEVRKARGKKRVP, from the C Terminus of the protein sequence according to NP_001666.2; NP_877962.1.

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 35-37kDa band observed in Mouse Heart lysates (calculated MW of 38.3kDa according to Mouse NP_001274109.1; NP_033846.2). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Pig

