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Research Use Only. Not for diagnostic or therapeutic use.

EB07587 - Goat Anti-TCF3 / ITF1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TCF3, ITF1, transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47), E2A, MGC129647, MGC129648, E2A immunoglobulin enhancer-binding factor E12/E47, immunoglobulin transcription factor 1, kappa-E2-binding factor, transcription factor 3, transcription factor E2-alpha, bHLHb21, class B basic helix-loop-helix protein 21, E2A, E47, helix-loop-helix protein HE47, negative vitamin D response element-binding protein, NOL1-TCF3 fusion, transcription factor 3 variant 3, transcription factor ITF-1, VDIR, VDR interacting repressor, vitamin D receptor-interacting repressor

Official Symbol: TCF3

Accession Number(s): NP_003191.1

Human GeneID(s): 6929

Important Comments: This antibody is expected to recognize reported isoform E12

(NP_003191.1) only.

Immunogen

Peptide with sequence C-KAPRARTSPDEDED, from the internal region of the protein sequence according to NP_003191.1.

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 75kDa band observed in lysates of cell line Daudi (calculated MW of 67.6kDa according to NP_003191.1). Recommended concentration: 0.01-0.03μg/ml. IHC: In paraffin embedded Human Kidney shows strong nuclear staining in DCT cells. Recommended concentration, 3-5μg/ml.

Species Reactivity

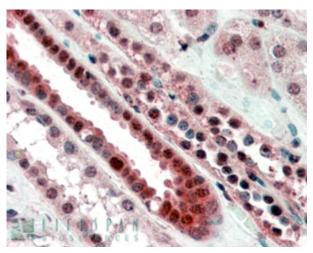
Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB07587 (0.01μg/ml) staining of Daudi cell lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.



EB07587 (3.8 μ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.