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Research Use Only. Not for diagnostic or therapeutic use.

EB07932 - Goat Anti-TFEB (internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TFEB, transcription factor EB, AlphaTFEB, TCFEB, T-cell transcription

factor EB

Official Symbol: TFEB

Accession Number(s): NP_009093.1

Human GeneID(s): 7942

Non-Human GenelD(s): 21425 (mouse), 316214 (rat)

Important Comments: This antibody is expected not to cross-react to TFE3 and MITF.

Immunogen

Peptide with sequence C-QKDLQKSRELENH, from the internal region of the protein sequence according to NP_009093.1.

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 1:1000.

Western blot: Approx 55kDa band observed in Human Lung lysates (calculated MW of 52.9kDa according to NP_009093.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

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

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

EB07932 ($1\mu g/ml$) staining of Human Lung lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.