

UK Office

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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

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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 GeneID(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

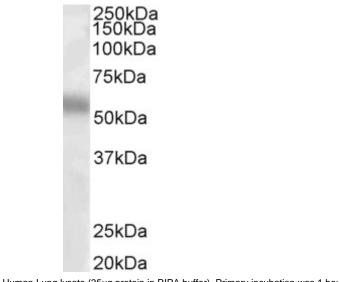
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

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



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