

## International Office

### Everest Biotech Ltd

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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 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.