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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05425 - Goat Anti-TFEB (N Terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TFEB, transcription factor EB, TCFEB, T-cell transcription factor EB, RP4-696P19.3, AlphaTFEB, TCFEB, bHLHe35, OTTHUMP00000043540

Official Symbol: TFEB

Accession Number(s): NP_009093.1; NP_001161299.2; NP_001258872.1

Human GeneID(s): [7942](#)

Non-Human GeneID(s): 21425 (mouse)

Immunogen

Peptide with sequence ASRIGLRMQLMRE-C, from the N Terminus of the protein sequence according to NP_009093.1; NP_001161299.2; NP_001258872.1.

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 1:64000.

Western blot: Approx 55kDa band observed in Human Thymus and in lysates of cell line Jurkat and approx. 60kDa in lysates of cell line HeLa, (calculated MW of 52.9kDa according to NP_009093.1 and 54.2kDa according to NP_001161299.2) .Recommended concentration :0.3-1µg/ml. Primary incubation 1 hour.at room temperature.

Chromatin Immunoprecipitation: This antibody was confirmed in ChIP on SK-MEL-5 cells. **This data is from a previous batch, not on sale.**

Species Reactivity

Tested: Human

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

EB05425 (0.5µg/ml) staining of HeLa (A) and (0.3ug/ml) Jurkat (B) cell lysate (35µg protein in RIPA buffer).
Detected by chemiluminescence.

EB05425 (1.0µg/ml) staining of Human Thymus lysate (35µg protein in RIPA buffer). Detected by
chemiluminescence.