

## Goat anti-TFEB (internal) Antibody

Item Number	dAP-1465
Target Molecule	Principle Name: TFEB (internal); Official Symbol: TFEB; All Names and Symbols: TFEB; transcription factor EB ; AlphaTFEB; TCFEB ; T-cell transcription factor EB; Accession Number (s): NP_009093.1; Human Gene ID(s): 7942; Non-Human GenID(s): 21425 (mouse) 316214 (rat)
Immunogen	QKDLQKSRELENH, is from internal region This antibody is expected not to cross-react to TFE3 and MITF.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	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.
IHC	
Reference	Reference(s): Davis IJ, Kim JJ, Ozsolak F, Widlund HR, Rozenblatt-Rosen O, Granter SR, Du J, Fletcher JA, Denny CT, Lessnick SL, Linehan WM, Kung AL, Fisher DE. Oncogenic MITF dysregulation in clear cell sarcoma: defining the MiT family of human cancers. <i>Cancer Cell</i> . 2006 Jun;9(6):473-84. PMID: 16766266 -

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**