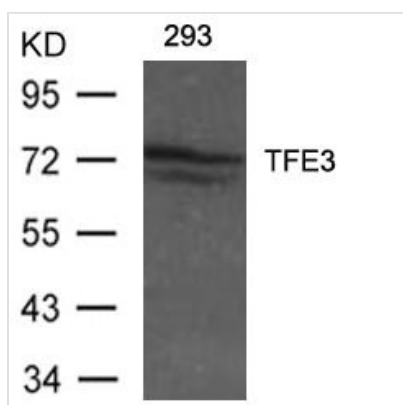




TFE3 Antibody

Product Code	CSB-PA104708
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P19532
Immunogen	Peptide sequence around aa.303~307 (L-D-V-Y-S) derived from Human TFE3.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total TFE3 protein.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Transcription factor that specifically recognizes and binds E-box sequences (3'-CANNTG-5'). Efficient DNA-binding requires dimerization with itself or with another MiT/TFE family member such as TFEB or MITF. In association with TFEB, activates the expression of CD40L in T-cells, thereby playing a role in T-cell-dependent antibody responses in activated CD4+ T-cells and thymus-dependent humoral immunity. Specifically recognizes the MUE3 box, a subset of E-boxes, present in the immunoglobulin enhancer. It also binds very well to a USF/MLTF site. Clark J., Lu Y.-J., Sidhar S.K., Parker C., Gill S. Oncogene 15:2233-2239(1997) Weternan M.A.J., Wilbrink M., Proc. Natl. Acad. Sci. U.S.A. 93:15294-15298(1996)
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	BHLHE33; TFEA; RCCP2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	TFE3
Image	



Western blot analysis of extracts from 293 cells using TFE3 Antibody.