

Anti-TFE3 antibody



Description	Rabbit polyclonal to TFE3.
Model	STJ95977
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human TFE3
Immunogen Region	70-150 aa, Internal
Gene ID	7030
Gene Symbol	TFE3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	TFE3 Polyclonal Antibody detects endogenous levels of TFE3 protein.
Tissue Specificity	Ubiquitous in fetal and adult tissues.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Transcription factor E3 Class E basic helix-loop-helix protein 33 bHLHe33
Molecular Weight	62 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11752OMIM:314310
Alternative Names	Transcription factor E3 Class E basic helix-loop-helix protein 33 bHLHe33
Function	Transcription factor that specifically recognizes and binds E-box sequences (5'-CANNTG-3'). 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.
Cellular Localization	Nucleus.
Post-translational Modifications	Sumoylated; does not affect dimerization with MITF.