



## TFE3 Polyclonal Antibody

Cat No: HR1AP8487

For research use only

### Overview

Product Name	TFE3 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	62kDa
GenelD?Human?	TFE3
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	TFE3; BHLHE33; Transcription factor E3; Class E basic helix-loop-helix protein 33; bHLHe33
Background	transcription factor binding to IGHM enhancer 3(TFE3) Homo sapiens This gene encodes a basic helix-loop-helix domain-containing transcription factor that binds MUE3-type E-box sequences in the promoter of genes. The encoded protein promotes the expression of genes downstream of transforming growth factor beta (TGF-beta) signaling. This gene may be involved in chromosomal translocations in renal cell carcinomas and other cancers, resulting in the production of fusion proteins. Translocation partners include PRCC (papillary renal cell carcinoma), NONO (non-POU domain containing, octamer-binding), and ASPSCR1 (alveolar soft part sarcoma chromosome region, candidate 1), among other genes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013],