

TCFL5 Polyclonal Antibody

Cat No: HR1AP5656

For research use only

Overview

Product Name	TCFL5 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	48kDa
GeneID?Human?	TCFL5
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	TCFL5; CHA; E2BP1; Transcription factor-like 5 protein; Cha transcription factor; HPV-16 E2-binding protein 1; E2BP-1
Background	developmental stage:Isoform 3 is specifically expressed in primary spermatocytes at the pachytene stage, but not those at leptoneuma stage. Not expressed in other testicular cells, including spermatogonia located in the basal compartment of the seminiferous tubule or spermatids.,disease:Antibodies against TCFL5 are present in sera from patients with Chagas' disease, an autoimmune disease caused by Trypanosoma cruzi. Two different epitopes that mimic Trypanosoma cruzi antigens have been identified: R1 and R3 epitopes, which are recognized by T- and B-cells, respectively.,function:Putative transcription factor. Isoform 3 may play a role in early spermatogenesis.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein.,tissue specificity:Isoform 3 is testis specific. Isoform 2 is pancreas specific.,