



TCFL5 Monoclonal Antibody

Catalog No	YP-mAb-04239
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TCFL5
Immunogen	The antiserum was produced against synthesized peptide derived from human TCFL5. AA range:311-360
Specificity	TCFL5 Monoclonal Antibody detects endogenous levels of TCFL5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CHA;Cha transcription factor;E2BP 1;E2BP1;Figlb;HPV 16 E2 binding protein 1; TCFL5;Transcription factor-like 5 protein;HPV-16 E2-binding protein 1;E2BP-1
Observed Band	48kD
Calculated Molecular Weight	48kD
Cell Pathway	Nucleus .
Tissue Specificity	Isoform 3 is testis specific. Isoform 2 is pancreas specific.
Function	developmental stage:Isoform 3 is specifically expressed in primary spermatocytes at the pachytene stage, but not those at leptotema 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



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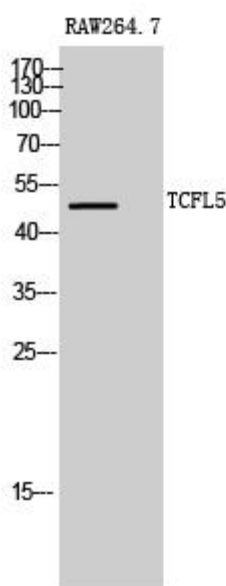
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TCFL5 Monoclonal Antibody