

## TCFL5 (Q290) polyclonal antibody

Catalog: BS2376

Host: Rabbit

Reactivity: Human, Mouse

### Background:

TCFL5 [transcription factor-like 5 (basic helix-loop-helix)], also known as cha transcription factor, HPV-16 E2-binding protein 1, CHA, Figlb, E2BP-1 or MGC46135, is a 500 amino acid protein belonging to the basic helix-loop-helix (bHLH) family. TCFL5 localizes to the nucleus and may function as a transcription factor during early spermatogenesis. TCFL5 is known to form a complex with upstream stimulatory factor (USF)-1, thereby negatively regulating USF-dependent transcription. Six isoforms of TCFL5 exist due to alternative splicing; isoform 2 is pancreas specific and isoform 3 is testis specific showing expression in primary spermatocytes at the pachytene stage. Antibodies against TCFL5 have been identified in patients with Chagas' disease, which is caused by *Trypanosoma cruzi* infection.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 48 kDa

### Swiss-Prot:

Q9UL49

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

### Storage&Stability:

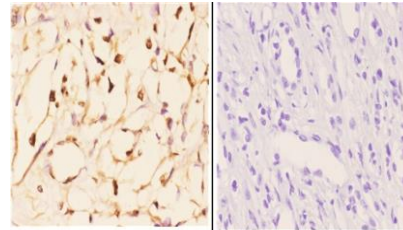
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

TCFL5 (Q290) polyclonal antibody detects endogenous

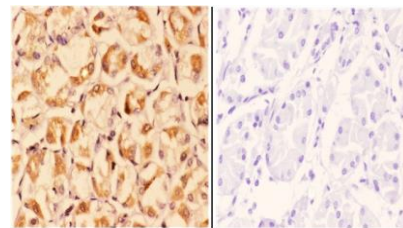
levels of TCFL5 protein.

### DATA:



BS2376  
Lot CA36131

Immunohistochemistry (IHC) analyzes of TCFL5 (Q290) pAb in paraffin-embedded human kidney carcinoma tissue at 1:50. showing Nuclear staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



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Immunohistochemistry (IHC) analyzes of TCFL5 (Q290) pAb in paraffin-embedded human stomach carcinoma tissue at 1:50. showing Nuclear staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

### Note:

For research use only, not for use in diagnostic procedure.

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